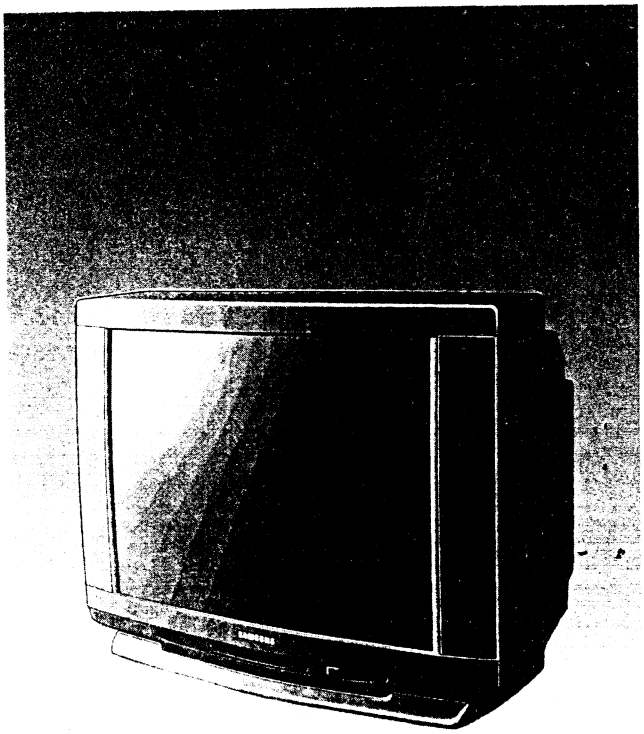
SAMSUNG

COLOR TELEVISION RECEIVER

CHASSIS : SCT55A
MODEL : CS762ANT/SEHX
CS762ANT/POLX

SERVICE Manual

COLOR TELEVISION RECEIVER



CONTENTS

1. Precautions
2. Reference Information
3. Specifications
4. Disassembly and Reassembly
5. Alignment and Adjustments
6. Troubleshooting
7. Exploded Views and Parts List
8. Electric Parts List
9. Block Diagrams
10. PCB Layout
11. Wiring Diagram
12. Schematic Diagrams

1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people--particularly children--might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

   If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1): Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances)*, and Underwriters Laboratories *(UL Publication UL1410, 59.7)*.

5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

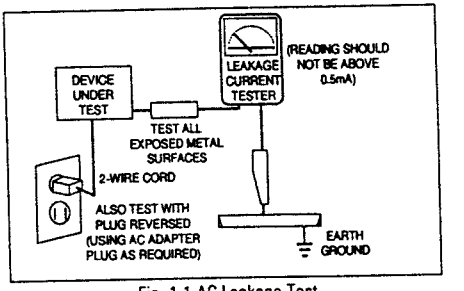

LEAKAGE CURRENT TESTER
(READING SHOULD NOT BE ABOVE 0.5mA)
DEVICE UNDER TEST
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Fig. 1-1 AC Leakage Test

6. Antenna Cold Check:
   With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.

7. X-ray Limits:
   The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.

8. High Voltage Limits:
   High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced. (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

   Heed the high voltage limits. These include the *X-ray Protection Specifications Label*, and the *Product Safety and X-ray Warning Note* on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.

10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, *regardless of the AC plug polarity.* These units can be safely serviced *only* if an isolation transformer inserted between the receiver and the power source.

13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.

15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.

17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.

18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original--even if the replacement is rated for higher voltage, wattage, etc.

Components that are critical for safety are indicated in the circuit diagram by shading, (⚠) or (⚠).
Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

WARNING1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

WARNING2: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.

2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.

3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.

4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).

6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.

7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

8. Always connect a test instrument's ground lead to the instrument chassis ground *before* connecting the positive lead; always remove the instrument's ground lead last.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.

2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)

3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.

4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.

6. Use only an anti-static solder removal device. Many solder removal devices are not rated as "anti-static"; these can accumulate sufficient electrical charge to damage ESDs.

7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.

8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

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2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	μA	Microampere
		μF	Microfarad
°C	Degree Celsius	μH	Microhenry
°F	Degree Fahrenheit	μm	Micrometer
°K	degree Kelvin	μs	Microsecond
F	Farad	μW	Microwatt
G	Gauss	mA	Milliampere
GHz	Gigahertz	mg	Milligram
g	Gram	mH	Millihenry
H	Henry	ml	Milliliter
Hz	Hertz	mm	Millimeter
h	Hour	ms	Millisecond
ips	Inches Per Second	mV	Millivolt
kWh	Kilowatt-hour	nF	Nanofarad
kg	Kilogram	Ω	Ohm
kHz	Kilohertz	pF	Picofarad
kΩ	Kilohm	lb	Pound
km	Kilometer	rpm	Revolutions Per Minute
km/h	Kilometer Per Hour	rps	Revolutions Per Second
kV	Kilovolt	s	Second (Time)
kVA	Kilovolt-ampere	V	Volt
kW	Kilowatt	VA	Volt-ampere
l	Liter	W	Watt
MHz	Megahertz	Wh	Watt-hour

Table 2-2 Table of Acronyms

ABL	Automatic Brightness Limiter
AC	Alternating Current
ACC	Automatic Chroma Control
AF	Audio Frequency
AFC	Automatic Frequency Control
AFT	Automatic Fine Tuning
AGC	Automatic Gain Control
AM	Amplitude Modulation
ANSI	American National Standards Institute
APC	Automatic Phase Control
APC	Automatic Picture Control
A/V	Audio-Video
AVC	Automatic Volume Control
BAL	Balance
BPF	Bandpass Filter
B-Y	Blue-Y
CATV	Community Antenna Television (Cable TV)
CB	Citizens Band
CCD	Charge Coupled Device
CCTV	Closed Circuit Television
Ch	Channel
CRT	Cathode Ray Tube
CW	Continuous Wave
DC	Direct Current
DVM	Digital Volt Meter
EIA	Electronics Industries Association
ESD	Electrostatic Discharge
ESD	Electrostatically Sensitive Device
FBP	Feedback Pulse
FBT	Flyback Transformer
FF	Flip-Flop
FM	Frequency Modulation
FS	Fail Safe
GND	Ground
G-Y	Green-Y
H	High
HF	High-Frequency
HI-FI	High Fidelity
IC	Inductance-Capacitance
IC	Integrated Circuit
IF	Intermediate Frequency
I/O	Input/output
L	Left
L	Low
LED	Light Emitting Diode
LF	Low Frequency
MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
MTS	Multi-channel Television Sound
NAB	National Association of Broadcasters
NEC	National Electric Code
NTSC	National Television Systems Committee
OSD	On Screen Display
PCB	Printed Circuit Board
PLL	Phase-Locked Loop
PWM	Pulse Width Modulation
QIF	Quadrature Intermediate Frequency
R	Right
RC	Resistor & Capacitor
RF	Radio Frequency
R-Y	Red-Y
SAP	Second Audio Program
SAW	Surface Acoustic Wave(Filter)
SIF	Sound Intermediate Frequency
SMPS	Switching Mode Power Supply
S/N	Signal/Noise
SW	Switch
TP	Test Point
TTL	Transistor Transistor Logic
TV	Television
UHF	Ultra High Frequency
UL	Underwriters Laboratories
UV	Ultraviolet
VCD	Variable-Capacitance Diode
VCO	Voltage Controlled Oscillator
VCXO	Voltage Controlled Crystal Oscillator
VHF	Very High Frequency
VIF	Video Intermediate Frequency
VR	Variable Resistor
VTR	Video Tape Recorder
VTVM	Vacuum Tube Voltmeter
TR	Transistor

2-2 IC Line Up

100 Series ..... IF processing

200 Series ..... Video, Chroma Processing

300 Series ..... Vertical Deflection

400 Series ..... Horizontal deflection

500 Series ..... CRT Drive Processing

600 Series ..... Sound Processing

700 Series ..... A/V Switching Processing

800 Series ..... AC Input Power Supply

900 Series ..... MICOM Section

RT, CT, ICT ..... TELETEXT Section

RC, CC, HC, SWY ..... SNAP-IN Section (Control)

RV,CV,LV,QV ..... V/M Section

RJ,CJ,LJ,DJ,ICJ ..... NICAM Section

RP,CP,LP,XP,ICP ..... PIP Section

RC,CC,DZC,QC ..... COMB Filter Section

RP,PD ..... POWER-S/W Section

2-3 IC Line Up

Table 2-1 IC Line Up				
Loc No.	No.	Specification	Description	Remarks
IC201	1	TDA8375	ONE CHIP TV PROCESSOR	
IC203	2	TDA9177	LINE TRANSIENT IMPROVEMENT IC (LTI BOOSTER)	
IC205	3	TEA5114A	R/G/B SWITCHING IC	SCART OPTION
IC206	4	TEA5114A	R/G/B SWITCHING IC	TTX/OSD
IC207	5	TEA5114A	R/G/B SWITCHING IC	PIP/TTX
IC208	6	TDA9170	YUV PICTURE IMPROVEMENT PROCESSOR	
IC301	7	LA7845	VERTICAL AMP	POWER
IC401	8	MC4558C	OP AMPLIFIER (EW AMPLIFIER)	POWER
IC501	9	TDA6101Q	VIDEO OUTPUT AMPLIFIER	CRT
IC502	10	TDA6101Q	VIDEO OUTPUT AMPLIFIER	CRT
IC503	11	TDA6101Q	VIDEO OUTPUT AMPLIFIER	CRT
IC504	12	MC4558C	OP AMPLIFIER (TILT AMPLIFIER)	CRT
IC505	13	SPK101T	SPOT KILLER HYBRID IC	CRT
IC6001	14	TDA9875	DIGITAL TV SOUND PROCESSOR	AUDIO MODULE
IC6002	15	TDA9808	VIF/SIF PROCESSOR (SIF PROCESSOR)	AUDIO MODULE
IC6003	16	TDA7050	2-CHANNEL HEADPHONE AMPLIFIER	AUDIO MODULE
IC6004	17	MC4558C	OP AMPLIFIER (AUDIO AMPLIFIER)	AUDIO MODULE
IC601	18	TDA7297	SOUND AMP	
IC701	19	CXA1855S	AUDIO/VIDEO SWITCHING IC	
IC801	20	STR-S6709	SMPS CONTROL IC	POWER
IC802	21	LTV817B	PHOTO COUPLER	POWER
IC901	22	Z89313(Z90341)	MICRO PROCESSOR	
IC902	23	KIA7042P	RESET IC	
IC903	24	PQ09RF1	9V SWITCHABLE REGULATOR	

Table 2-1 IC Line Up (Continued)				
Loc No.	No.	Specification	Description	Remarks
IC904	25	KA7808	8V REGULATOR	
IC905	26	KA7812A	12V REGULATOR	
IC906	27	KA7805A	5V REGULATOR	
IC907	28	KA7808	8V REGULATOR	
IC908	29	24C08	E2PROM	
IC909	30	KA7805A	5V REGULATOR	
IC910	31	KA7805A	5V REGULATOR	
ICP101	32	TDA9160A	PAL/NTSC/SECAM DECORDER AND SYNC PROCESSOR	PIP MODULE
ICP105	33	SDA9189X	PIP PROCESSOR	PIP MODULE
ICP201	34	SDA9187-2X	PIP PROCESSOR	PIP MODULE
IC101	35	PAP102	IF PRE-AMP HYBRID IC	
IC202	36	TDA4665	BASE BAND DELAY LINE	SECAM MODULE
IC203	37	TDA8395P	SECAM DECORDER	SECAM MODULE
ICT01	38	SAA528IP/E	TELETEXT	

Option: OSD Language

Table 2-2			
Loc No.	Specification	Description	Remarks
IC901	SZM-162SEA	ENG/ARAB/FRENCH	
	SZM-162SEC	ENG/CHINA	
	SZM-162SER	ENG/RUSSIA/CRO/BUL	
	SZM-162SEP	ENG/POLAND/ROMANIA/CZECH	
	SZM-162SET	ENG/THAI	
	SZM-162SEV	ENG/MAL/IND/VIETAM	
	SZM-162SEH	ENG/RUSSIA/TURKEY/HUNGARY	

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3. Specifications

MODEL		722A/3002A
SYSTEM	TUNING	Frequency Synthesizer
	COLOUR	PAL, SECAM, NTSC3.58, NTSC4.43
	SOUND	B/G, D/K, I,M
	NICAM	B/G,I
ANTENNA IMPEDANCE		75 ohm unbalanced coaxial
SCREEN SIZE		70.8 cm
POWER	REQUIREMENTS	Main voltage : 220V/230V/240V ~ Range : 100 - 260V ~
	FREQUENCY	50/60Hz
PROGRAMME CHANNEL		100 channels

Specifications are subject to change.

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4. Disassembly and Reassembly

4-1 Cabinet

1. Remove 9 screws located on the side of the cabinet.
2. Pull the Main Assembly backwards to remove.
3. To reassemble, place the receiver on a flat surface and repeat the sequence in reverse order.
4. To check that the Chassis Assembly is installed correctly, attempt to pull it from the front cabinet.

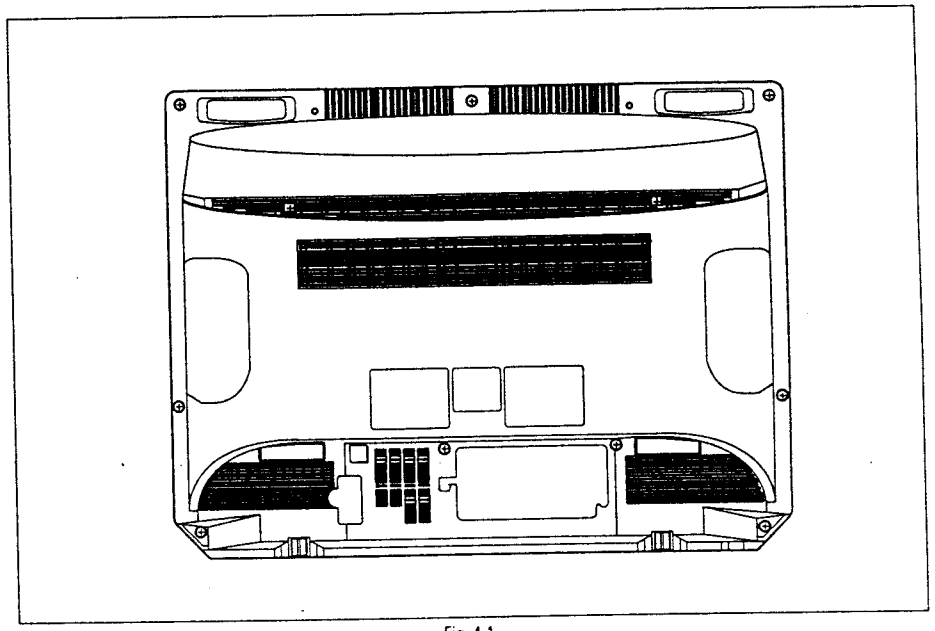


Fig. 4-1

4-2 Speaker

1. Separate Connectors ⓐ, ⓑ.
2. Separate wires from twist-lock.
3. Remove 2 screws, ⓒ.
4. To reassemble, repeat the sequence in reverse order.

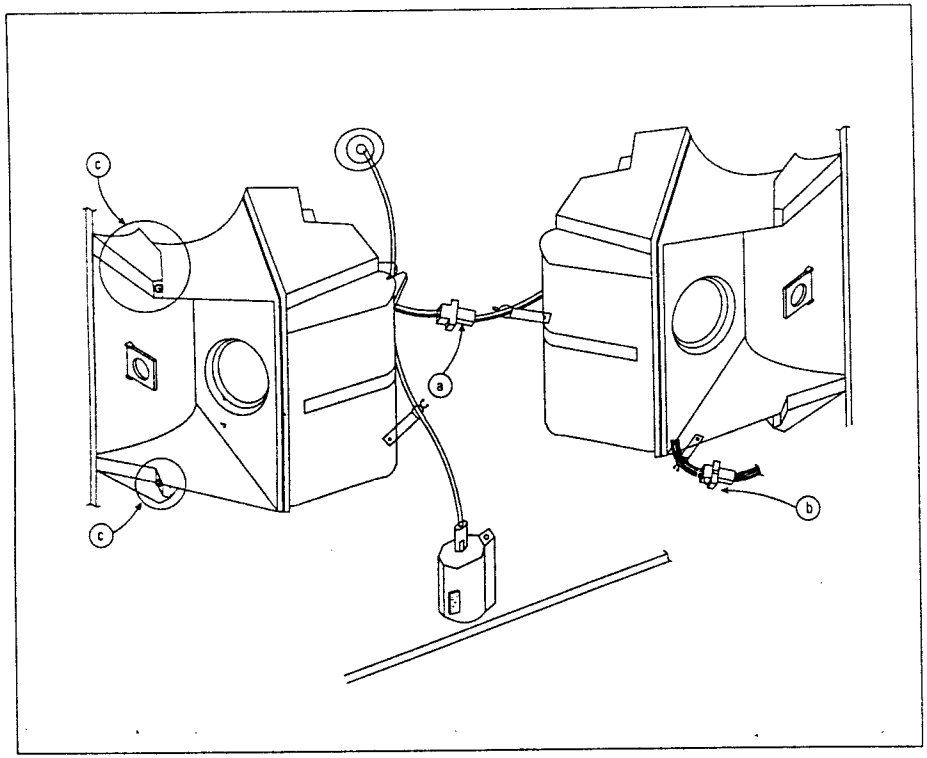


Fig. 4-2

4-3 Chassis Assembly

4-3-1 Removal from Front Cabinet

1. Lift and pull back the chassis mounting.

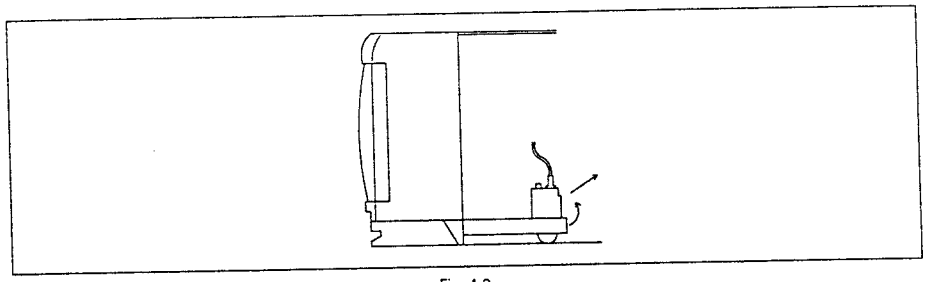


Fig. 4-3

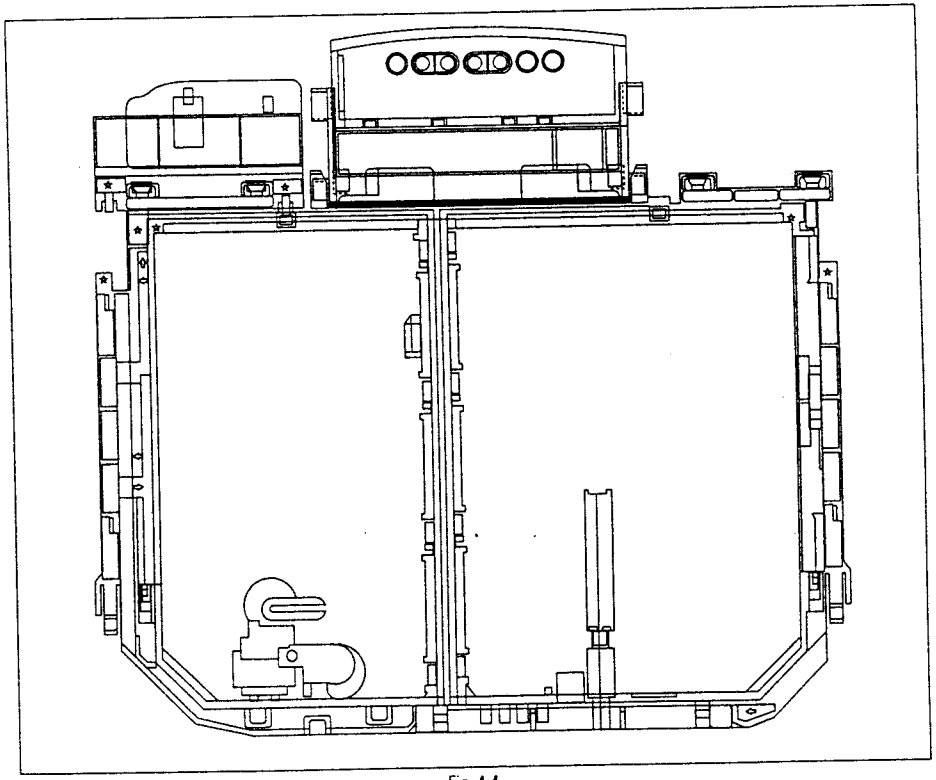


Fig. 4-4

4-3-2 Terminal Board

Removal

1. Pull the power cord to the left and remove it.
2. Remove 1 screws ⓐ.
3. Lift up the 2 brackets ⓑ). Separate the terminal board from the chassis mount.
4. To reassemble, refer to Fig. 4-6.

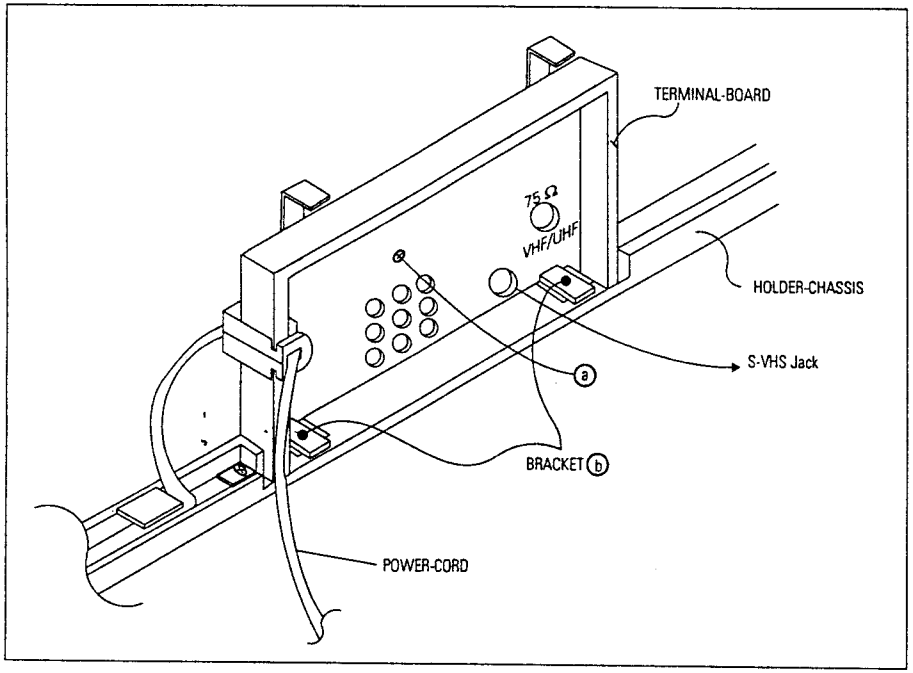
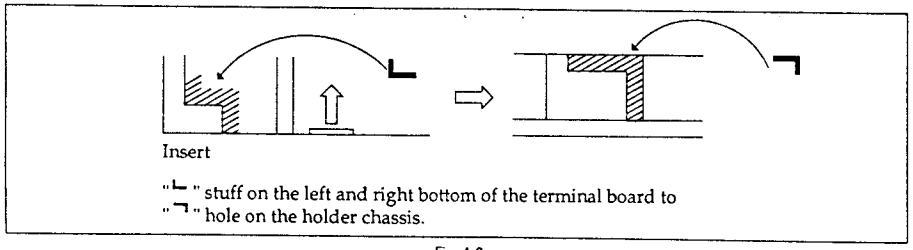


Fig. 4-5



Insert

"└" stuff on the left and right bottom of the terminal board to "┐" hole on the holder chassis.

Fig. 4-6

4-3-3 PCB

Removal

1. Refer to the Fig. 4-4
2. Remove the wire (1P) from the chassis mounting.
3. Pull the PCB guides backwards.
4. Lift both edges of the PCB and pull it out.

Disassembly

1. Ensure that the PCB is well positioned in the PCB guides.
2. The power cord must not touch the heat-sink, D73.
3. Insert the PCB guide in the direction shown so that the two ☆s meet each other. The PCB guide is part of the chassis mounting; if a new PCB guide is needed, the complete chassis mounting must be replaced.

4-3-4 SNAPIN Removal

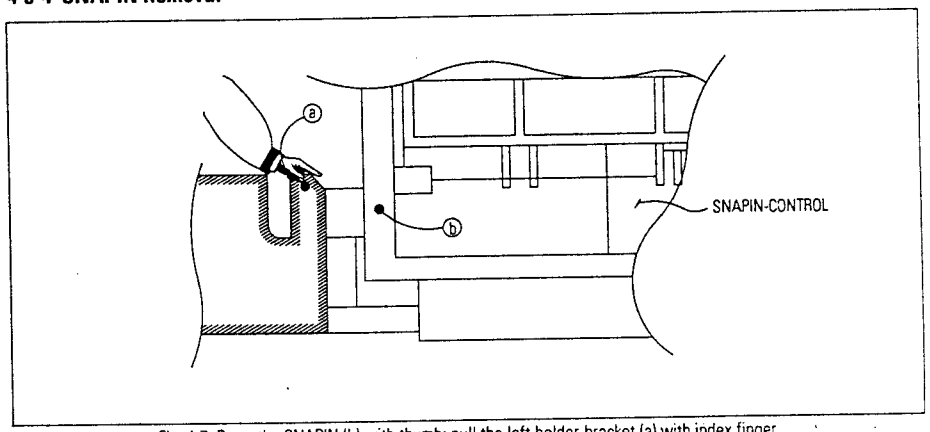


Fig. 4-7 Press the SNAPIN (b) with thumb; pull the left holder-bracket (a) with index finger.

4-3-5 Chassis Reassembly

1. Close the SNAPIN door.
2. Place the chassis bracket (b) onto (a) on the bottom of the front cabinet.
3. Push the bracket into the hole (a) until a "click" is heard.
4. Check that the SNAPIN door opens and closes.

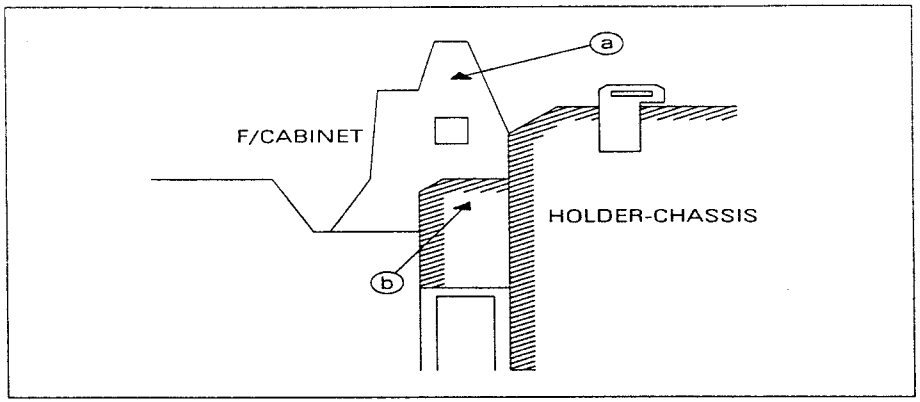


Fig. 4-8

5. Alignment and Adjustments

5-1 General Alignment Instructions

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync and focus.
2. Observe the picture for good black and white details. There should be no objectionable color shading; if color shading is present, demagnetize, perform purity and convergence adjustments described below.
3. Use the specified test equipment or its equivalent.
4. Correct impedance matching is essential.
5. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.
6. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
7. Do not attempt to connect or disconnect any wires while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
8. To protect against shock hazard, use an isolation transformer.

5-2 Automatic Degaussing

A degaussing coil is mounted around the picture tube, so that external degaussing after moving the TV should be unnecessary. But the receiver must be properly degaussed upon installation.

The degaussing coil operates for about 1 second after the power is switched ON. If the set is moved or turned in a different direction, the power should be OFF for at least 10 minutes.

If the chassis or parts of the cabinet become magnetized, poor color purity will result. If this happens, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube and the sides and front of the receiver. Slowly withdraw the coil to a distance of about 6 feet before turning power OFF.

If color shading persists, perform the following Color Purity and Convergence adjustments.

5-3 High Voltage Check

CAUTION: There is no high voltage adjustment on this chassis. The B+ power supply should be +130 volts (with full color- bar input and normal picture level).

1. Connect a digital voltmeter to the second anode of the picture tube.
2. Turn on the TV. Set the Brightness and Contrast controls to minimum (zero beam current).
3. Adjust the Brightness and contrast controls to both extremes. Ensure that the high voltage does not exceed 32 KV under any conditions.

5-4 RF AGC Adjustment

1. Tune to the strongest local station.
2. Turn the AGC control fully clockwise (VR111, on the IF board).
3. Adjust the AGC control until noise (snow) disappears from the screen.

5-5 FOCUS Adjustment

1. Input a black and white signal.
2. Adjust the tuning control for clearest picture.
3. Adjust the FOCUS control for well defined scanning lines in the center area of the screen.

5-6 SCREEN Adjustment

1. Turn to the ACTIVE channel.
2. Adjust the VR screen for a normal picture is (no blooming or flyback line).
3. Adjust the SCREEN control for well defined scanning lines in the center area of the screen.

5-7 Purity Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Plug in the CRT deflection yoke. Tighten the clamp screw.
3. Plug the convergence yoke into the CRT and set it as shown in Fig. 5-1.
4. Input a black and white signal.
5. Fully demagnetize the receiver by using an external degaussing coil.
6. Turn the CONTRAST and BRIGHTNESS controls to maximum.
7. Loosen the clamp screw holding the yoke. Slide the yoke backward or forward to produce a vertical green belt. (Fig. 5-2).
8. Tighten the convergence yoke.
9. Slowly move the deflection yoke forward. Adjust for the best overall green screen.
10. Temporarily tighten the deflection yoke.
11. Produce blue and red rasters by adjusting the -low-light controls. Check for good purity in each field.
12. Tighten the deflection yoke.

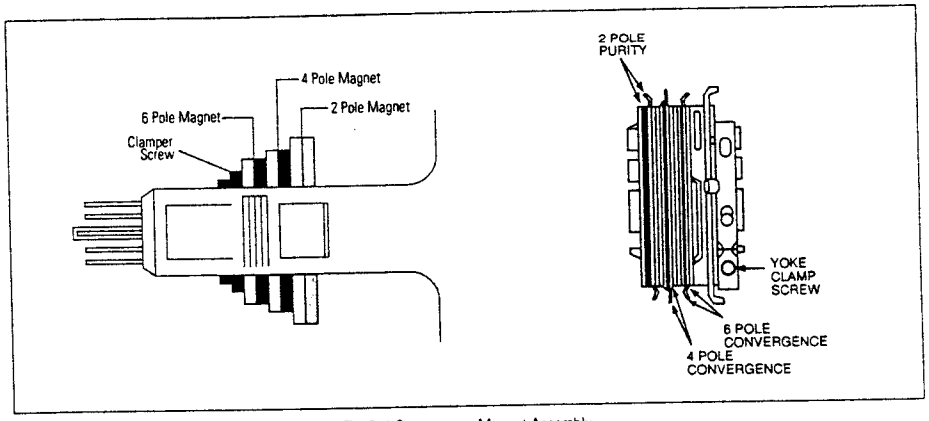


Fig. 5 -1 Convergence Magnet Assembly

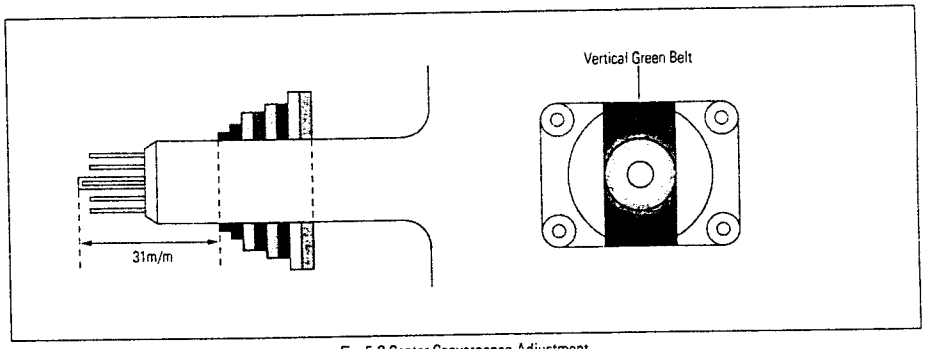


Fig. 5-2 Center Convergence Adjustment

5-8 Center Convergence Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Adjust the two tabs of the 4-pole magnets: Change the angle between them, and superimpose the red and blue vertical lines in the center area of the screen.
3. Adjust the BRIGHTNESS and CONTRAST controls for a well-defined picture.
4. Adjust the two tabs of the 4-pole magnets: Change the angle between them. Superimpose the red and the blue vertical lines in the center area of the screen.
5. Turn both tabs at the same time, keeping the angle constant: Superimpose the red and blue horizontal lines in the center of the screen.
6. Adjust two tabs of 6-pole magnets: Superimpose the red and blue lines with the green. Adjusting the angle affects the vertical lines, and rotating both magnets affects the horizontal lines.
7. Repeat adjustments 2~4, if necessary.
8. Since the 4-pole and 6-pole magnets interact, the dot movement is complex (Fig. 5-3).

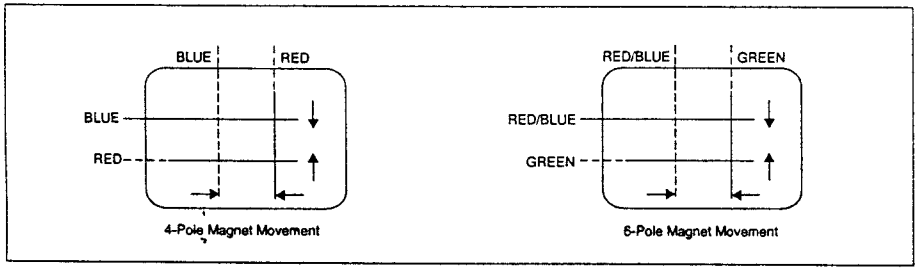


Fig 5-3 Center Convergence Adjustment

5-9 Service Mode

1. Enter the Factory Mode. Press the remote-control keys in this sequence:

picture off ⇒ DISPLAY ⇒ P.STD ⇒ MUTE ⇒ picture on

2. Use the channel and volume keys (up/down) to move the cursor. Select an alignment parameter.

service mode
adjustment
adjustment pip
adjustment 9170
test pattern
options
reset

3. Adjustment must be done for both 50Hz and 60Hz field rates.

00		YDL	0	VSC	0
AGC	10	TSC	0	STT	31
VCO	40	PSL	31	NSL	30
SBT	3	PVS	27	NVS	29
SCT	7	PVA	42	NVA	32
SCR	7	PHS	32	NHS	32
SC	15	PEW	43	NEW	45
RG	35	PEP	35	NEP	32
GG	31	PEC	17	NEP	32
BG	29	PET	33	NET	28

Adjustment

Table 5-1 Adjustment

Function	OSD	Range	Note
CHANNEL NO	00	00~99	DIRECT NUMBER KEY IN
AUTO.GAIN CONTROL	AGC	00~63	
VOLTAGE CONTROL OSC.	VCO	00~127	RIGHT SIDE DIGIT IS CHANGE "L"⇒"H"(RED COLOR):STOP
SUB BRIGHTNESS	SBT	00~13	
SUB CONTRAST	SCT	00~13	
SUB COLOR	SCR	00~23	
S-CORRECTION	SC	00~63	VERTICAL S-CORRECTION
RED GAIN	RG	00~63	HIGH LIGHT ADJUSTMENT
GREEN GAIN	GG	00~63	HIGH LIGHT ADJUSTMENT
BLUE GAIN	BG	00~63	HIGH LIGHT ADJUSTMENT

Table 5-1 Adjustment (Continued)			
Function	OSD	Range	Note
LUMINANCE (Y) DELAY	YDL	0–15	ONLY USED FOR TDA8844
TELETEXT SUB CONTRAST	TSC	0–63	ONLY USED FOR TTX MODEL
PAL VERTICAL SLOPE	PSL	0–63	PAL
PAL VERTICAL SHIFT	PVS	0–63	PAL
PAL VERTICAL AMPLITUDE	PVA	0–63	PAL
PAL HORIZONTAL SHIFT	PHS	0–63	PAL
PAL E-W WIDTH	PEW	0–63	PAL
PAL E-W PARABOLA	PEP	0–63	PAL
PAL E-W CORNER	PEC	0–63	PAL
PAL E-W TRAPEZIUM	PET	0–63	PAL
VERTICAL SCROLL	VSC	0–63	ONLY USED FOR TDA8844
SUB TINT (HUE)	STT	0–15	NTSC
NTSC VERTICAL SLOPE	NSL	0–63	NTSC
NTSC VERTICAL AMPLITUDE	NVA	0–63	NTSC
NTSC HORIZONTAL SHIFT	NHS	0–63	NTSC
NTSC E-W WIDTH	NEW	0–63	NTSC
NTSC E-W PARABOLA	NEP	0–63	NTSC
NTSC E-W CORNER	NEC	0–63	NTSC
NTSC E-W TRAPEZIUM	NET	0–63	NTSC

4. Access Adjustment PIP by pressing the channel keys (up/down).

00	
PCT	9
PTT	31
PHM	19
PVP	23
PHP	39

Table 5-2 PIP adjustment			
Function	OSD	Range	Note
CHANNEL NO	00	0 ~ 99	DIRECT NUMERIC KEY IN
PIP CONTRAST	PCT	0 ~ 15	
PIP TINT	PTT	0 ~ 63	60 HZ (PIP) ONLY
PIP HORIZONTAL MOVE	PHM	0 ~ 63	
PIP VERTICAL POSITION	PVP	0 ~ 63	
PIP HORIZONTAL POSITION	PHP	0 ~ 63	

5. Access Adjustment TDA9170 by pressing the channel keys (up/down).

00	
BON	1
WD2	1
01	39
02	31
03	21
SSP	0

Table 5-3 Adjustment TDA9170			
Function	OSD	Range	Note
CHANNEL NO	00	0 ~ 99	DIRECT NUMERIC KEY IN
BLACK OFFSET COMPENSATION ENABLE	BON	0/1	
WINDOW SELECT	WD2	0/1	
USER VARIABLE GAMMA	01	0 ~ 63	
ADAPTIVE GAMMA	02	0 ~ 63	
NON LINEARITY AMPLITUDE	03	0 ~ 63	
SUB SHARPNESS	SSP	0 ~ 15	

4. After the factory mode adjustments are completed, return to the fist menu and set up "TEST PATTERN", "OPTIONS" and "RESET". Use the channel and volume keys to postion the cursor and make a selection.

RED
GREEN
BLUE
WHITE

TEST PATTERN

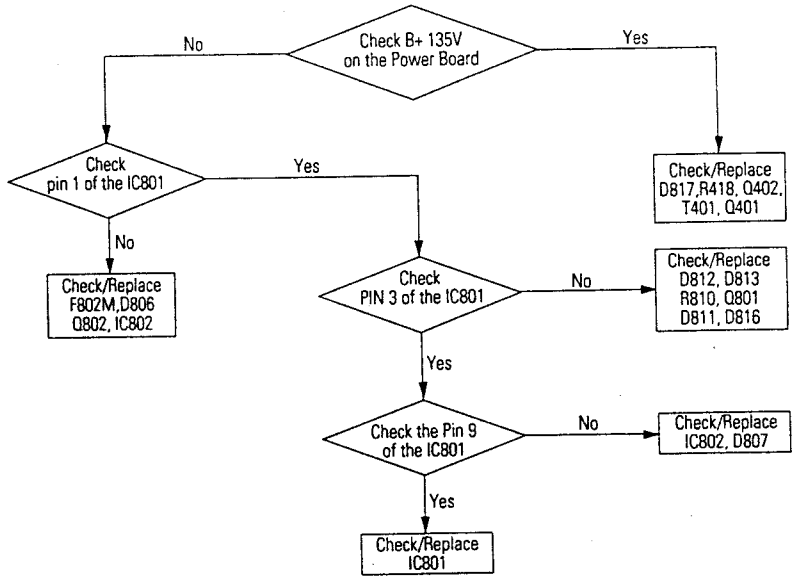
PIP	S
TTX	FLOF
NICAM	ON
CRT	PLUS
SCART	OFF
CHIP	8375
LANGUAGE	E

Table 5-2 Options

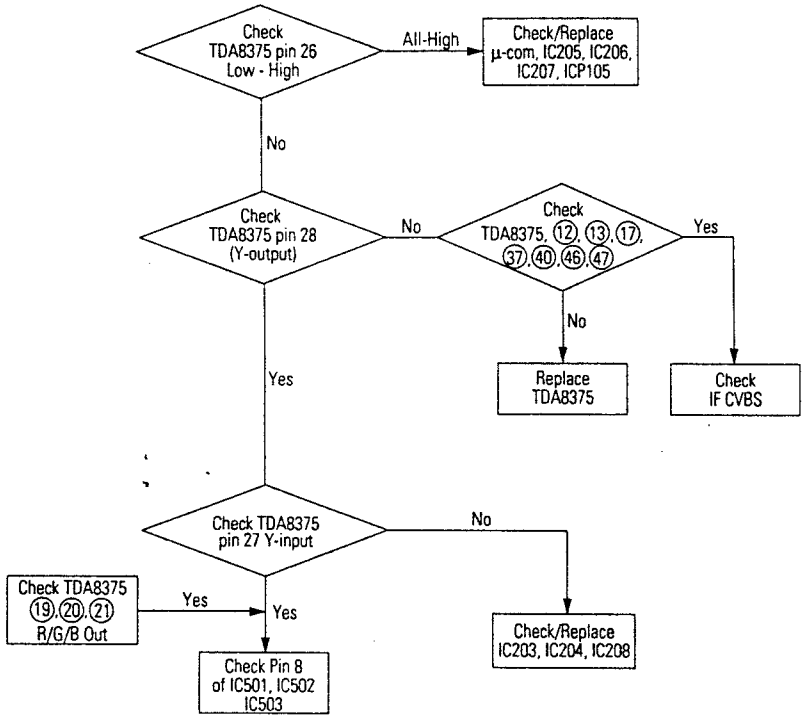
Options	OSD	Note
PIP	OFF	NO PIP FUNCTION
	S	SINGLE PIP (ONE TUNER)
	T	SINGLE PIP (TWO TUNER)
	M	MULTI PIP (TWO TUNER)
TTX	OFF	NO TELETEXT FUNCTION
	FLOF	PRIORITY : FLOF
	LIST	PRIORITY : LIST
NICAM	OFF	NO NICAM FUNCTION
	ON	BULT IN NICAM FUNCTION
CRT	PLUS	12.8 : 9 CRT USED
	NORMAL	4 : 3 CRT USED
	16 : 9	16 : 9 CRT USED
SCART	ON	REAR BACK JACK WAS USED 21-PIN JACK
	OFF	REAR BACK JACK WAS USED RCA 9-PIN JACK
CHIP	8375	USING ONECHIP : TDA8375
	8844	USING ONECHIP : TDA8844
LANGUAGE	MULTI (E)	ALL LANGUAGE DISPLAY BUILT IN MICRO PROCESSOR
	ARAB (A)	DISPLAY LANGUAGE : ENG + ARAB
	FRENCH (F)	DISPLAY LANGUAGE : ENG + FRENCH
	etc	DISPLAY LANGUAGE : ENG +etc, DEPENDS ON MiCOM VERSION

6. Troubleshooting

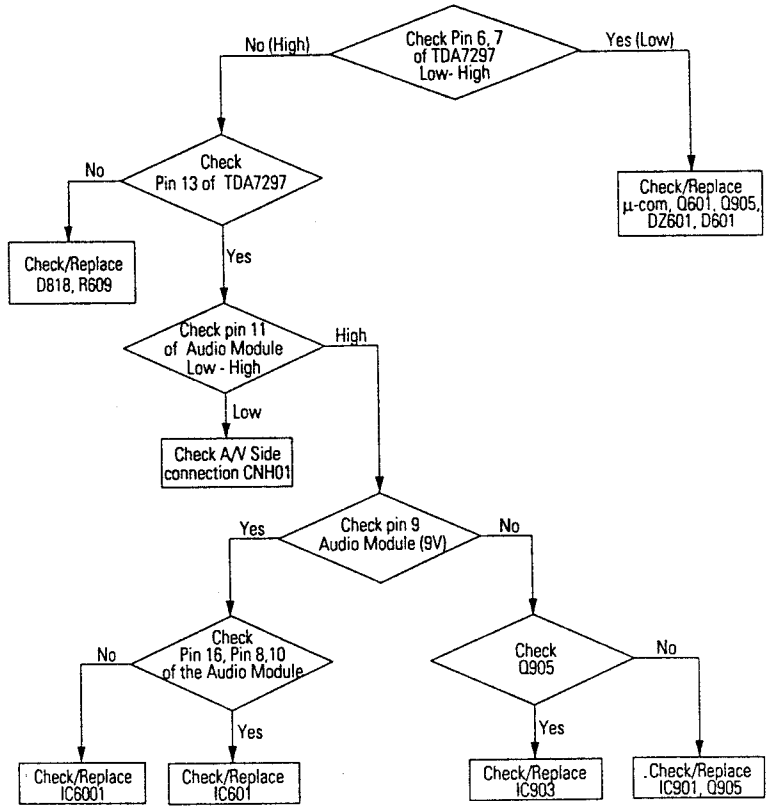
6-1 No Power



6-2 No Picture



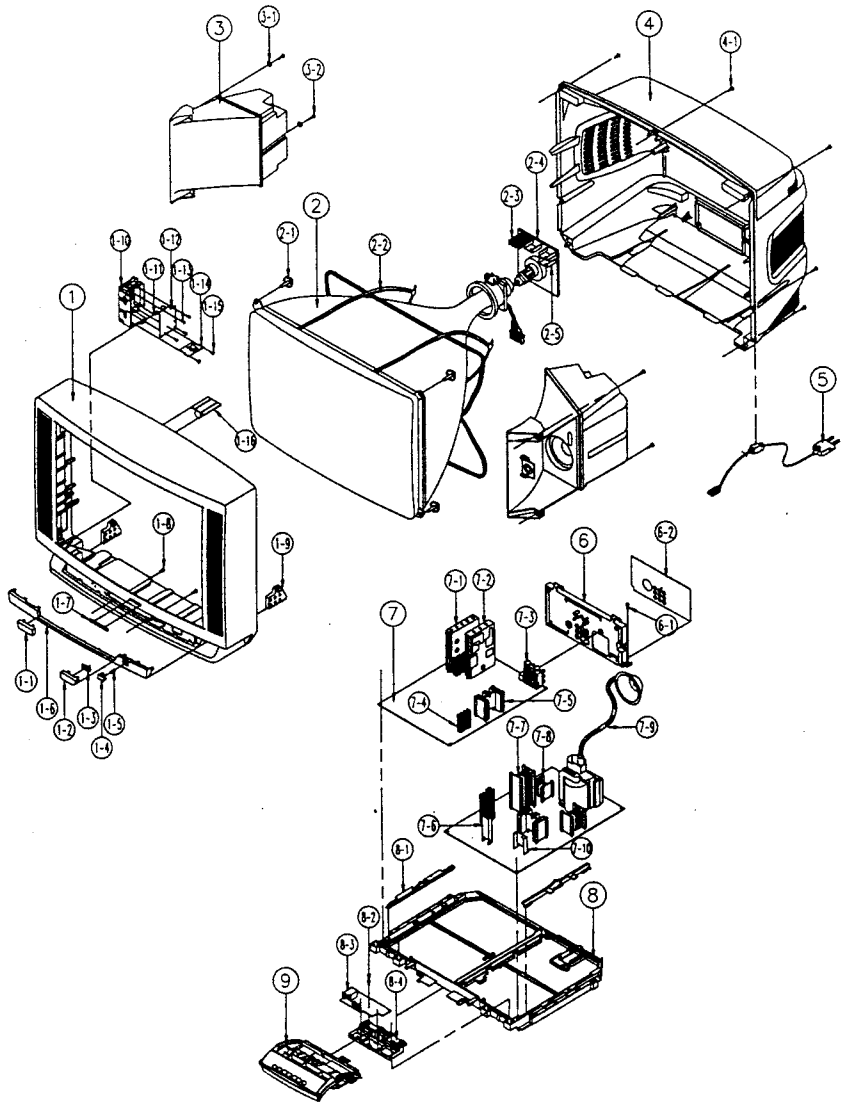
6-3 No Sound



MEMO

7. Exploded View and Parts List

7-1. CS762ANT



No.	Code No.	Description	Specification	Q'ty	Remarks
1	AA64-30989H	CABINET-FRONT	CN722A,PA100,HIPS,HB,BLK	1	
1-1	AA64-40363A	WINDOW-LEFT	ABS,HB,PUPPLE,2956	1	
1-2	AA64-40364B	WINDOW-RIGHT	7256,NO-SILK,ABS,HB,PUPPLE	1	
1-3	AA64-40361A	INDICATOR-LED	ABS,HB,LGTR558-02396	1	S.N.A
1-4	AA64-10561E	KNOB-POWER	CS722A,C/SILVER,ABS,HB	1	
1-5	AA61-60005K	SPRING-CS	SUS304,0.6.00012.2,H13,N	1	S.N.A
1-6	AA64-40414B	DECORATION-FRONT	722A,C/SILVER,HIPS,V0	1	S.N.A
1-7	AA64-70011B	BADGE-BRAND	AL,SS,R2000,25,SILVER,L60	1	S.N.A
1-8	6002-000406	SCREW-TAPPING(CF+DEC)	RH,+,2,M3,L10,ZPC(YEL),SW	2	S.N.A
1-9	AA61-40030A	SUPPORT-CRT	WS3220,HIPS,HB,NTR	2	S.N.A
1-10	AA95-90020P	ASSY-PCB,A/V SIDE	DP,CS762AT,SCT55A	1	
1-11	3722-001061	JACK-PHONE	1P,3.6MM,AG BLK,N	1	
1-12	AA41-10705A	PCB-SIDE		1	S.N.A
1-13	6002-000406	SCREW-TAPPING	RH,+,2,M3,L10,ZPC(YEL),SW	4	S.N.A
1-14	AA61-20205D	HOLDER-AV,JACK	O-MODEL,HIPS,V0,L/GRAY	1	
1-15	6002-000406	SCREW-TAPPING	RH,+,M3,L10,ZPC(YEL),SW	2	S.N.A
1-16	AA61-40017B	BOSS-A	HIPS,HB,NTR	2	S.N.A
2	AA03-10018S	CRT-COLOR	A70QAZ761X001(DA),+380MG	1	SEH
	AA03-10022S	CRT-COLOR	A70QAZ761X001(DBA),+500MG	1	SEPOL
2-1	AA60-10050D	SCREW-ASSY(CF+CRT)	WC,HH,+,M5,L33,SWRCH18,ZPC	4	
2-2	AA27-200020'	COIL-DEGAUSSING	29",140HM,70T,L3300,E	1	
2-3	0502-000131-	TR-POWER(QV08)	2SA1011-D,PNP,1.2W,TO-22K	1	H/SINK
2-4	AA95-20007V	ASSY-PCB,CRT	SCT55A,29",	1	
2-5	1201-000539	IC-VIDEO AMP	6101,ZIP,9P,SINGLE	3	H/SINK
3	AA91-60251A	ASSY-HOLDER,SPK	PP,HB,B.8R,15W,722A	1	
3-1	AA63-600010	SPACER-FELT	FELT,T0.35,BLK,150X8	4	
3-2	AA60-10050A	SCREW-ASSY(HS+CF)	WP,RH,+,M4,L25,SWRCH18A	4	
4	AA64-31097C	CABINET-BACK	DP,722A,AA64-30990C	1	
4-1	6002-000516	SCREW-TAPPING(CF+CB)	RH,+,2,M4,L20,ZPC(BLK),SW	7	
5	AA39-10006X	POWER-CORD	KKP419C,KLCE-2F,2.286MT	1	
6	AA63-40254A	TERMINAL-BOARD,ANT	HIPS,HB,BLK,CS-622A	1	
6-1	6002-000516	SCREW-TAPPING(TER+PCB)	RH,+,2,M4,L20,ZPC(BLK),SW	1	
6-2	AA64-60395F	INLAY-BACK	622A,PV3,SCART,PS,T0.5	1	S.N.A
7	AA94-10105A	ASSY-PCB,MAIN(OPT)	CS762ANT/SEHX,SCT55A	1	SEH
	AA94-10104Z	ASSY-PCB,MAIN(OPT)	CS762ANT/POLX,SCT55A	1	SEPOL
7-1	AA95-90018Q	ASSY-PCB,PIP	CS722ANT,SCT55A,PAL	1	
7-2	AA95-40010H	ASSY-SOUND	CS722A,SCT55A	1	
7-3	3722-000195	JACK-RCA	42P,SN,BLACK	1	
7-4	1203-000243	IC-POSI.FIXED (IC905)	7812A,TO-220,3P,PLASTIC,	1	H/SINK
7-5	1201-001064	IC-POWER AMP(IC601)	7297,ZIP,15P,DUAL,32DB	1	H/SINK
7-6	0402-000564	DIODE-RECTIFIER(D818)	FML-G22S,200V,10A,TO-220	1	H/SINK
7-7	AA13-20002K	IC-HYBRID(IC801)	STR-S6709,LF953,SIP,9P	1	H/SINK
7-8	0502-000298	TR-POWER(0405)	KSD73,NPN,30W,TO-220,	1	H/SINK
7-9	AA26-30003B	TRANS-FLYBACK	FCZ-29A006,29",130V	1	
7-10	0402-000549	DIODE-BRIDE	RBV606,600V,6A,BK	1	H/SINK
8	AA61-20207A	HOLDER-CHASSIS	2955,ABS,V0,GRY	1	
8-1	AA61-20208A	HOLDER-PCB,SUB	2955,HIPS,HB,BLK	1	
8-2		SCREW-TAPPING			
8-3	AA95-90018P	ASSY-PCB,POWER S/W	CS722ANT,SCT55A,PAL	1	
8-4	AA95-90017S	ASSY-PCB SECAM	SCT138,CS,CK	1	
9	AA95-90018R	ASSY-PCB SNAP IN	SCT55A,MULTI,100-260V	1	

8. Electric Parts List

8-1. CS762ANT (Buyer ; SEH, SEPOL)

Loc	Part-No	Description	Specification	Remarks

ASSY-PCB,MAIN(OPT)

- AA94-10105A ASSY-PCB,MAIN(OPT) CS762ANT/SEHX,SCT55A,HUNK SEH
- AA94-10104Z ASSY-PCB,MAIN(OPT) CS762ANT/POLX,SCT55A,POL/ SEPOL

AV701	3722-000195	JACK-RCA	42P,-,SN,BLACK,-	
AV702	3722-000120	JACK-DIN	4P,3.5MM,AG,-,-	
C102	2201-000119	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,	
C103	2401-000480	C-AL	10UF,20%,50V,GP,TP,5X11.5	
C104	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C105	2401-000289	C-AL	100UF,20%,16V,GP,TP,8X11.	
C106	2202-000109	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5P,TP,	
C107	2401-000289	C-AL	100UF,20%,16V,GP,TP,8X11.	
C108	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C109	2401-000662	C-AL	22UF,20%,50V,GP,TP,5X11,5	
C117	2202-000127	C-CERAMIC,MLC-AXIAL	10NF,+80-20%,25V,Y5V,TP,-	
C201	2201-000292	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X4.5M	
C202	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C203	2202-000109	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5P,TP,	
C204	2202-000173	C-CERAMIC,MLC-AXIAL	1NF,10%,50V,Y5P,TP,1.9X3.	
C205	2202-000199	C-CERAMIC,MLC-AXIAL	22NF,+80-20%,25V,Y5V,TP,-	
C206	2401-000803	C-AL	1UF,20%,50V,GP,TP,5X11MM.	
C207	2309-000138	C-FILM,PE-PPF	100NF,5%,50V,TP,20X16X8.5	
C208	2202-000173	C-CERAMIC,MLC-AXIAL	1NF,10%,50V,Y5P,TP,1.9X3.	
C209	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C210	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
C211	2401-000493	C-AL	10UF,20%,50V,LZ,TP,5X11MM	
C213	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C214	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C215	2201-000379	C-CERAMIC,DISC	22NF,+80-20%,50V,Y5V,TP,8	
C216	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C217	2301-000192	C-FILM,PEF	1NF,5%,50V,TP,5.3X10MM,5M	
C218	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C219	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C220	2401-000647	C-AL	2.2UF,20%,50V,BP,TP,5X11,	
C221	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C222	2401-001264	C-AL	4.7UF,20%,50V,BP,TP,5X11.	
C223	2401-000289	C-AL	100UF,20%,16V,GP,TP,8X11.	
C224	2301-000264	C-FILM,PEF	4.7NF,5%,50V,TP,6.5X5.5X3	
C225	2301-000201	C-FILM,PEF	2.2NF,5%,50V,TP,7.4X3.9X1	
C226	2401-000803	C-AL	1UF,20%,50V,GP,TP,5X11MM.	
C227	2201-000423	C-CERAMIC,DISC	27PF,5%,50V,NPO,TP,5X3.2.	
C229	2301-000232	C-FILM,PEF	3.3NF,5%,50V,TP,8.1X4.5X1	
C230	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C231	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C232	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
C233	2201-000139	C-CERAMIC,DISC	100PF,2%,50V,CH,TP,8X3.5	
C234	2201-000611	C-CERAMIC,DISC	56PF,5%,50V,CH,TP,6.5X3.5	
C235	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C236	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C237	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C238	2401-000480	C-AL	10UF,20%,50V,GP,TP,5X11,5	
C239	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C240	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C241	2202-000109	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5P,TP,	
C242	2201-000292	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X4.5M	
C244*	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C245*	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C246*	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C247*	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C248*	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C256	2401-001264	C-AL	4.7UF,20%,50V,BP,TP,5X11.	
C258	2201-000139	C-CERAMIC,DISC	100PF,2%,50V,CH,TP,8X3.5	
C259	2201-000139	C-CERAMIC,DISC	100PF,2%,50V,CH,TP,8X3.5	
C260	2301-000380	C-FILM,PEF	10NF,5%,50V,TP,6.5X3MM,5M	
C261	2301-000380	C-FILM,PEF	10NF,5%,50V,TP,6.5X3MM,5M	
C262	2202-000195	C-CERAMIC,MLC-AXIAL	220PF,10%,50V,Y5P,TP,-,7.	
C263	2202-000195	C-CERAMIC,MLC-AXIAL	220PF,10%,50V,Y5P,TP,-,7.	
C264	2202-000195	C-CERAMIC,MLC-AXIAL	220PF,10%,50V,Y5P,TP,-,7.	
C265	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C266	2305-000289	C-FILM,MPEF	220NF,5%,63V,TP,-,5MM	
C267	2305-000289	C-FILM,MPEF	220NF,5%,63V,TP,-,5MM	
C268	2305-000289	C-FILM,MPEF	220NF,5%,63V,TP,-,5MM	
C269	2305-000289	C-FILM,MPEF	220NF,5%,63V,TP,-,5MM	
C270	2305-000289	C-FILM,MPEF	220NF,5%,63V,TP,-,5MM	
C271	2305-000289	C-FILM,MPEF	220NF,5%,63V,TP,-,5MM	
C272	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C273	2401-001264	C-AL	4.7UF,20%,50V,BP,TP,5X11.	
C274	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
C275	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C277	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C278	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C279	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C280	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C281	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C282	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C284	2401-001537	C-AL	47UF,20%,25V,GP,TP,6.3X7M	
C286	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C287	2401-001264	C-AL	4.7UF,20%,50V,BP,TP,5X11.	
C288	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C289	2401-001496	C-AL	47UF,20%,16V,GP,TP,5X7MM.	
C290	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C291	2301-000380	C-FILM,PEF	10NF,5%,50V,TP,6.5X3MM,5M	
C292	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C293	2301-000380	C-FILM,PEF	10NF,5%,50V,TP,6.5X3MM,5M	
C294	2301-000380	C-FILM,PEF	10NF,5%,50V,TP,6.5X3MM,5M	
C295	2301-000380	C-FILM,PEF	10NF,5%,50V,TP,6.5X3MM,5M	
C296	2301-000380	C-FILM,PEF	10NF,5%,50V,TP,6.5X3MM,5M	
C297	2301-000380	C-FILM,PEF	10NF,5%,50V,TP,6.5X3MM,5M	
C298	2305-000355	C-FILM,MPEF	330NF,5%,63V,TP,-,5MM	
C299	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C601	2401-000706	C-AL	2200UF,20%,25V,GP,TP,16X2	
C602	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C603	2401-000587	C-AL	1UF,20%,50V,BP,TP,5X11,5M	
C604	2202-000127	C-CERAMIC,MLC-AXIAL	10NF,+80-20%,25V,Y5V,TP,-	
C605	2401-001333	C-AL	470NF,20%,50V,GP,TP,5X11,	
C607	2301-000192	C-FILM,PEF	1NF,5%,50V,TP,5.3X10MM,5M	
C608	2401-000587	C-AL	1UF,20%,50V,BP,TP,5X11,5M	
C609	2202-000127	C-CERAMIC,MLC-AXIAL	10NF,+80-20%,25V,Y5V,TP,-	
C701	2401-000471	C-AL	10UF,20%,50V,BP,TP,5X11,5	
C702	2401-001264	C-AL	4.7UF,20%,50V,BP,TP,5X11.	
C703	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
C705	2201-000573	C-CERAMIC,DISC	47PF,5%,50V,CH,TP,6.5X3.0	
C706	2201-000751	C-CERAMIC,DISC	39PF,5%,50V,CH,TP,5X3.5	
C713	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C714	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,Y5P,TP,3.5X	

Loc	Part-No	Description	Specification	Remarks
C715	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C716	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,Y5P,TP,3.5X	
C718	2202-000121	C-CERAMIC,MLC-AXIAL	100PF,10%,50V,Y5P,TP,1.9X	
C719	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C720	2202-000121	C-CERAMIC,MLC-AXIAL	100PF,10%,50V,Y5P,TP,1.9X	
C721	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C722	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,Y5P,TP,3.5X	
C723	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C724	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,Y5P,TP,3.5X	
C725	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C726	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C727	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C728	2401-000808	C-AL	220UF,20%,16V,GP,TP,8X11M	
C729	2401-002462	C-AL	33UF,20%,16V,GP,TP,5X11,5	
C730	2201-000962	C-CERAMIC,DISC	12PF,5%,50V,RH,TP,5X3,5MM	
C731	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C732	2202-000243	C-CERAMIC,MLC-AXIAL	33PF,5%,50V,SL,TP,3.5X19,	
C733	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C734	2202-000243	C-CERAMIC,MLC-AXIAL	33PF,5%,50V,SL,TP,3.5X19,	
C735	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C736	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,Y5P,TP,3.5X	
C737	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,Y5P,TP,3.5X	
C738	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C739	2202-000243	C-CERAMIC,MLC-AXIAL	33PF,5%,50V,SL,TP,3.5X19,	
C740	2202-000243	C-CERAMIC,MLC-AXIAL	33PF,5%,50V,SL,TP,3.5X19,	
C741	2202-000243	C-CERAMIC,MLC-AXIAL	33PF,5%,50V,SL,TP,3.5X19,	
C742	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C743	2201-000962	C-CERAMIC,DISC	12PF,5%,50V,RH,TP,5X3,5MM	
C744	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C745	2201-000139	C-CERAMIC,DISC	100PF,2%,50V,CH,TP,8X3,5	
C746	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,Y5P,TP,3.5X	
C747	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,Y5P,TP,3.5X	
C748	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C751	2202-000109	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5P,TP,	
C901	2401-001397	C-AL	470UF,20%,25V,GP,TP,10X16	
C902	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C903	2401-001333	C-AL	470NF,20%,50V,GP,TP,5X11,	
C904	2401-000808	C-AL	220UF,20%,16V,GP,TP,8X11M	
C905	2202-000231	C-CERAMIC,MLC-AXIAL	330PF,10%,50V,Y5P,TP,3.5X	
C906	2202-000173	C-CERAMIC,MLC-AXIAL	1NF,10%,50V,Y5P,TP,1.9X3.	
C907	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
C908	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C909	2201-000292	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X4,5M	
C910	2201-000292	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X4,5M	
C911	2202-000286	C-CERAMIC,MLC-AXIAL	56PF,5%,50V,SL,TP,1.9X3.5	
C912	2201-000472	C-CERAMIC,DISC	330PF,5%,50V,SL,TP,8X3.5,	
C913	2301-000289	C-FILM,PEF	5.6NF,5%,50V,TP,6.5X5.5X3	
C914	2301-000192	C-FILM,PEF	1NF,5%,50V,TP,5.3X10MM,5M	
C915	2201-000573	C-CERAMIC,DISC	47PF,5%,50V,CH,TP,6.5X3.0	
C916	2201-000193	C-CERAMIC,DISC	10PF,0.3PF,50V,CH,TP,5X3,	
C917	2401-000440	C-AL	10UF,20%,25V,GP,TP,5X11MM	
C918	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C919	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C920	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
C921	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C922	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
C923	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
C924	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C925	2401-000832	C-AL	220UF,20%,25V,GP,TP,8X11,	
C926	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C927	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C928	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
C929	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	

Loc	Part-No	Description	Specification	Remarks
C930	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C931	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7,5X4,0X5	
C932	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
C933	2401-002288	C-AL	470UF,20%,25V,WT,TP,10X20	
C934	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C935	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7,5X4,0X5	
C936	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
C937	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
C938	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7,5X4,0X5	
C939	2401-000808	C-AL	220UF,20%,16V,GP,TP,8X11M	
C940	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C941	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
C942	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C943	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
C944	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C945	2202-000195	C-CERAMIC,MLC-AXIAL	220PF,10%,50V,Y5P,TP,-,7.	
C946	2401-000480	C-AL	10UF,20%,50V,GP,TP,5X11,5	
C947	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
C949	2401-001397	C-AL	470UF,20%,25V,GP,TP,10X16	
C950	2401-002463	C-AL	47UF,20%,16V,GP,TP,10X12	
CF01	AA29-10001B	FILTER-COMB	-,CFM102,NTSC,-	
CN203	3711-000406	CONNECTOR-HEADER	3WALL,12P,1R,2.5MM,STRAIG	
CN601	3711-002643	CONNECTOR-HEADER	BOX,4P,1R,2.5MM,STRAIGHT,	
CN701	3711-002648	CONNECTOR-HEADER	BOX,9P,1R,2.5MM,STRAIGHT,	
CN903	3711-002644	CONNECTOR-HEADER	BOX,5P,1R,2.5MM,STRAIGHT,	
CN803	3711-000654	CONNECTOR-HEADER	BOX,12P,1R,2.5MM,STRAIGHT	
CN804	3711-000654	CONNECTOR-HEADER	BOX,12P,1R,2.5MM,STRAIGHT	
CN812	3711-002644	CONNECTOR-HEADER	BOX,5P,1R,2.5MM,STRAIGHT,	
CNH01	3711-002644	CONNECTOR-HEADER	BOX,5P,1R,2.5MM,STRAIGHT,	
CT01	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
CT02	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
CT03	2201-000193	C-CERAMIC,DISC	10PF,0.3PF,50V,CH,TP,5X3,	
CT04	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
CT05	2201-000245	C-CERAMIC,DISC	15PF,5%,50V,CH,TP,5X3,5	
CT06	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
CT07	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
CT08	2201-000292	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X4,5M	
CT09	2201-000139	C-CERAMIC,DISC	100PF,2%,50V,CH,TP,8X3.5	
CT10	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
D-COIL	AAZ7-200020	COIL-DEGAUSSING	-,29",140MM,70T,L3300,E	
D201	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D202	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D203	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D204	0403-000563	DIODE-ZENER	MTZ9.1B,9.1V,8.57-9.01V,5	
D208	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D209	0402-000129	DIODE-RECTIFIER	1N4003,200V,1A,DO-41	
D210	0401-001024	DIODE-SWITCHING	BAW75,25V,300MA,DO-35,TP	
D601	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D901	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D902	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D903	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D904	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D906	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D907	0403-000296	DIODE-ZENER	MTZ5.6B,5.6V,5.45-5.73V,5	
DZ101	1203-000451	IC-VOLTAGE REGULATO	33,TO-92,3P,-,PLASTIC,31/	
DZ601	0403-000690	DIODE-ZENER	MTZ10C,10V,9.7-10.2V,500M	
DZ602	0403-000296	DIODE-ZENER	MTZ5.6B,5.6V,5.45-5.73V,5	
DZ651	0403-000664	DIODE-ZENER	MTZ3.6A,3.6V,3.455-3.595V	
DZ701	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ702	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ703	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ704	0403-000563	DIODE-ZENER	MTZ9.1B,9.1V,8.57-9.01V,5	
DZ705	0403-000563	DIODE-ZENER	MTZ9.1B,9.1V,8.57-9.01V,5	

Loc	Part-No	Description	Specification	Remarks
DZ706	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ707	0403-000563	DIODE-ZENER	MTZ9.1B,9.1V,8.57-9.01V,5	
DZ708	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ709	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ710	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ711	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ712	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ713	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ714	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ715	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ716	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ717	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44-12.03V,5	
DZ901	0403-000297	DIODE-ZENER	MTZ6.2B,6.2V,5.96-6.27V,5	
DZ902	0403-000295	DIODE-ZENER	MTZ5.1B,5.1V,4.94-5.20V,5	
EL01	AA60-40011B	EYELET	ID2.2,OD3.2,-,-,BSP,-	EL01-16
EY01	AA60-40011A	EYELET	ID2.0,OD2.8,-,-,BST,-	EY01-04
GT01	AA60-40014A	PIN-GT,ASSY	1P,-,-,AUTO	
IC101	AA13-20004A	IC-HYBRID	-,PAP102T,SIP,6P,PRE-AMP,	
IC201	1204-001193	IC-CHROMA	TDA8375,DIP,56P,-,PLASTIC	
IC202	1201-000501	IC-VIDEO AMP	14577,DIP,8P,300MIL,CMOS,	
IC203	1204-001142	IC-VIDEO SYSTEM	TDA9177,DIP,24P,-,PLASTIC	
IC205	1001-000223	IC-VIDEO SWITCH	TEA5114A,-,DIP,16P,334MIL	
IC206	1001-000223	IC-VIDEO SWITCH	TEA5114A,-,DIP,16P,334MIL	
IC207	1001-000223	IC-VIDEO SWITCH	TEA5114A,-,DIP,16P,334MIL	
IC208	1204-000444	IC-PICTURE PROCESS	TDA9170,DIP,32P,-,PLASTIC	
IC801	1201-001064	IC-POWER AMP	7297,ZIP,15P,-,DUAL,32DB	H/SINK
IC701	1001-001031	IC-RF/VI/AUDIO S/W	1855,-,DIP,48P,-,SINGLE,1	
IC901	AA13-30015F	IC-MCU	-,Z8931312PSC-R3170,16BIT	SEH
IC901	AA13-30015G	IC-MCU	-,Z8931312PSC-R3171,16BIT	SEPOL
IC902	1203-000589	IC-VOL. DETECTOR	7042,TO-92,3P,177MIL,PLAS	
IC903	1203-000212	IC-POSI.FIXED REG.	09RF11,TO-220,0,-,PLASTIC	H/S-TR
IC904	1203-000293	IC-POSI.FIXED REG.	7808,TO-220,3P,-,PLASTIC.	H/S-TR
IC905	1203-000243	IC-POSI.FIXED REG.	7812A,TO-220,3P,-,PLASTIC	H/S-TR
IC906	1203-000274	IC-POSI.FIXED REG.	7805,TO-220,3P,-,PLASTIC.	H/S-TR
IC907	1203-000293	IC-POSI.FIXED REG.	7808,TO-220,3P,-,PLASTIC.	H/S-TR
IC908	1103-000118	IC-EEPROM	24C08,1KX8BIT,DIP,8P,300M	
IC909	1203-000274	IC-POSI.FIXED REG.	7805,TO-220,3P,-,PLASTIC.	H/S-TR
IC910	1203-000274	IC-POSI.FIXED REG.	7805,TO-220,3P,-,PLASTIC.	
ICT01	1204-000536	IC-PAL DECODER	SAA5281P/H,DIP,48P,-,PLAS	
L102	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L103	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L104	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L105	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L106	2701-000202	INDUCTOR-AXIAL	560NH,10%,2.5X3.4MM	
L107	2701-000142	INDUCTOR-AXIAL	1UH,10%,2.5X3.4MM	
L108	2701-000142	INDUCTOR-AXIAL	1UH,10%,2.5X3.4MM	
L109	2701-000142	INDUCTOR-AXIAL	1UH,10%,2.5X3.4MM	
L116	2701-000142	INDUCTOR-AXIAL	1UH,10%,2.5X3.4MM	
L117	2701-000142	INDUCTOR-AXIAL	1UH,10%,2.5X3.4MM	
L118	2701-000142	INDUCTOR-AXIAL	1UH,10%,2.5X3.4MM	
L119	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L201	2701-000208	INDUCTOR-AXIAL	6.8UH,10%,2.5X3.4MM	
L202	2701-000299	INDUCTOR-AXIAL	13UH,10%,2.5X3.4MM	
L203	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L204	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L206	2701-000115	INDUCTOR-AXIAL	10UH,10%,2.8X7MM	
L207	2701-000180	INDUCTOR-AXIAL	33UH,5%,2.5X3.4MM	
L601	2901-000297	FILTER-EMI ON BOARD	-,3A,-,-,3.5X5,TP,-	
L701	2701-000127	INDUCTOR-AXIAL	15UH,10%,2.5X3.4MM	
L705	2701-000118	INDUCTOR-AXIAL	120UH,10%,2.5X3.4MM	
L710	2701-000118	INDUCTOR-AXIAL	120UH,10%,2.5X3.4MM	
L901	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L902	2901-000297	FILTER-EMI ON BOARD	-,3A,-,-,3.5X5,TP,-	

Loc	Part-No	Description	Specification	Remarks
L904	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L905	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L906	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L907	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L908	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L909	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L910	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
L911	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
LT01	2701-000170	INDUCTOR-AXIAL	3.9UH,10%,2.8X7MM	
LT02	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
MH+SP	AA39-20105D	LEAD CONNECTOR-ASSY	-,YSH250-04,SMP250-04,4P,	
Q201	0501-000245	TR-SMALL SIGNAL	BC548C,NPN,500MW,TO-92,TP	
Q202	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q203	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q204	0504-000150	TR-DIGITAL	KSR2010,PNP,300MW,10K,TO-	
Q205	0504-000123	TR-DIGITAL	KSR1010,NPN,300MW,10K,TO-	
Q206	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400MW,TO-92,TP	
Q210	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400MW,TO-92,TP	
Q601	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q651	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q701	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q703	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q704	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q705	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q706	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q902	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q903	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q904	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q905	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q907	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q908	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q909	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
Q910	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400MW,TO-92,TP	
Q911	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400MW,TO-92,TP	
QT01	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
R105	2004-001995	R-METAL	9.1KOHM,5%,1/8W,AA,TP,1.8	
R106	2001-000660	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X	
R201	2001-000448	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
R202	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
R203	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
R204	2004-001104	R-METAL	56KOHM,5%,1/8W,AA,TP,1.8X	
R205	2001-000281	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X	
R206	2001-000563	R-CARBON	27KOHM,5%,1/8W,AA,TP,1.8X	
R207	2004-004046	R-METAL(S)	430KOHM,1%,1/2W,AA,TP,2.5	
R208	2004-004029	R-METAL(S)	10KOHM,1%,1/2W,AA,TP,2.5X	
R209	2004-004046	R-METAL(S)	430KOHM,1%,1/2W,AA,TP,2.5	
R211	2004-001965	R-METAL	28KOHM,1%,1/2W,AA,TP,2.4X	
R212	2004-001914	R-METAL	39KOHM,2%,1/8W,AA,TP,1.8X	
R213	2004-002022	R-METAL(S)	51KOHM,1%,1/2W,AA,TP,2.4X	
R214	2004-000699	R-METAL	3.3KOHM,1%,1/8W,AA,TP,1.8	
R215	2004-001403	R-METAL(S)	7.5KOHM,1%,1/2W,AA,TP,2.4	
R216	2004-001408	R-METAL(S)	91KOHM,1%,1/2W,AA,TP,2.4X	
R217	2004-004045	R-METAL(S)	3900HM,1%,1/2W,AA,TP,2.5X	
R218	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R219	2004-001390	R-METAL(S)	1KOHM,2%,1/2W,AA,TP,2.4X6	
R221	2004-000195	R-METAL	100KOHM,1%,1/8W,AA,TP,1.8	
R222	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R223	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R224	2001-000005	R-CARBON	3900HM,5%,1/8W,AA,TP,1.8X	
R225	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R226	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R227	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R228	2001-000793	R-CARBON	470HM,5%,1/8W,AA,TP,1.8X3	

Loc	Part-No	Description	Specification	Remarks
R229	2001-000490	R-CARBON	2000HM,5%,1/8W,AA,TP,1.8X	
R230	2001-000362	R-CARBON	150OHM,5%,1/8W,AA,TP,1.8X	
R231	2001-000016	R-CARBON(S)	10HM,5%,1/2W,AA,TP,2.4X6.	
R232	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R233	2004-001996	R-METAL	9100HM,5%,1/8W,AA,TP,1.8X	
R234	2004-001291	R-METAL	8200HM,5%,1/8W,AA,TP,1.8X	
R235	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R236	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R237	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R238	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R239	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R241	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R242	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
R243	2001-000522	R-CARBON	22KOHM,5%,1/8W,AA,TP,1.8X	
R245	2001-000008	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X	
R246	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R247	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R248	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R249	2001-000563	R-CARBON	27KOHM,5%,1/8W,AA,TP,1.8X	
R250	2001-000273	R-CARBON	100KOHM,5%,1/8W,AA,TP,1.8	
R251	2001-000645	R-CARBON	330KOHM,5%,1/8W,AA,TP,1.8	
R252	2001-000273	R-CARBON	100KOHM,5%,1/8W,AA,TP,1.8	
R253	2004-001987	R-METAL	4.3KOHM,1%,1/2W,AA,TP,2.4	
R254	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X	
R255	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8	
R256	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R257	2001-000761	R-CARBON	4300HM,5%,1/8W,AA,TP,1.8X	
R258	2001-000761	R-CARBON	4300HM,5%,1/8W,AA,TP,1.8X	
R259	2001-000832	R-CARBON	5100HM,5%,1/8W,AA,TP,1.8X	
R260	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R261	2001-000761	R-CARBON	4300HM,5%,1/8W,AA,TP,1.8X	
R262	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R266	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R267	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R268	2004-001201	R-METAL	68KOHM,5%,1/8W,AA,TP,1.8X	
R269	2001-000356	R-CARBON	150KOHM,5%,1/8W,AA,TP,1.8	
R270	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
R271	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
R272	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
R273	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
R274	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
R275	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
R276	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R277	2004-001997	R-METAL	910HM,5%,1/8W,AA,TP,1.8X3	
R278	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R279	2004-001997	R-METAL	910HM,5%,1/8W,AA,TP,1.8X3	
R280	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R281	2004-001997	R-METAL	910HM,5%,1/8W,AA,TP,1.8X3	
R281*	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R282*	2001-000534	R-CARBON	2400HM,5%,1/8W,AA,TP,1.8X	
R283*	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R284*	2001-000534	R-CARBON	2400HM,5%,1/8W,AA,TP,1.8X	
R285*	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R286*	2001-000534	R-CARBON	2400HM,5%,1/8W,AA,TP,1.8X	
R293	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
R294	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R295	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R296	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R297	2001-001062	R-CARBON(S)	10MOHM,5%,1/2W,AA,TP,2.4X	
R298	2001-000454	R-CARBON	2.2MOHM,5%,1/8W,AA,TP,1.8	
R601	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
R602	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R603	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R604	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R605	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R606	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R607	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
R608	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
R609	2008-001002	R-FUSIBLE(S)	0.18OHM,5%,2W,AA,TP,3.9X1	
R610	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
R651	2001-000660	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X	
R652	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R653	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R706	2001-001185	R-CARBON(S)	750HM,5%,1/2W,AA,TP,2.4X	
R707	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4	
R708	2001-001185	R-CARBON(S)	750HM,5%,1/2W,AA,TP,2.4X	
R709	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4	
R710	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R711	2001-000214	R-CARBON	1.1KOHM,5%,1/8W,AA,TP,1.8	
R712	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
R713	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
R714	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R715	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
R716	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6	
R717	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4	
R718	2004-001995	R-METAL	9.1KOHM,5%,1/8W,AA,TP,1.8	
R719	2001-000660	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X	
R720	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6	
R721	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4	
R722	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
R724	2004-001301	R-METAL	82KOHM,5%,1/8W,AA,TP,1.8X	
R725	2004-001301	R-METAL	82KOHM,5%,1/8W,AA,TP,1.8X	
R726	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R727	2001-000702	R-CARBON	39KOHM,5%,1/8W,AA,TP,1.8X	
R728	2001-000702	R-CARBON	39KOHM,5%,1/8W,AA,TP,1.8X	
R729	2001-000008	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X	
R730	2001-000008	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X	
R731	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R732	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R733	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
R735	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R736	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R737	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R738	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R740	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R741	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R742	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R743	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R744	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R745	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R748	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R749	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
R750	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R751	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R756	2004-001291	R-METAL	8200HM,5%,1/8W,AA,TP,1.8X	
R757	2004-001996	R-METAL	9100HM,5%,1/8W,AA,TP,1.8X	
R758	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R759	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R760	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
R761	2001-000534	R-CARBON	2400HM,5%,1/8W,AA,TP,1.8X	
R762	2001-000003	R-CARBON	3300HM,5%,1/8W,AA,TP,1.8X	
R763	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R764	2001-000003	R-CARBON	3300HM,5%,1/8W,AA,TP,1.8X	
R765	2001-000003	R-CARBON	3300HM,5%,1/8W,AA,TP,1.8X	
R766	2001-000005	R-CARBON	3900HM,5%,1/8W,AA,TP,1.8X	
R767	2001-000258	R-CARBON	1.8KOHM,5%,1/8W,AA,TP,1.8	

Loc	Part-No	Description	Specification	Remarks
R902	2001-000613	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8	
R903	2001-000723	R-CARBON	4.3KOHM,5%,1/8W,AA,TP,1.8	
R905	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R906	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X	
R907	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X	
R908	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R909	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R911	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R912	2004-001995	R-METAL	9.1KOHM,5%,1/8W,AA,TP,1.8	
R913	2004-001995	R-METAL	9.1KOHM,5%,1/8W,AA,TP,1.8	
R914	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R915	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R916	2001-000832	R-CARBON	5100HM,5%,1/8W,AA,TP,1.8X	
R917	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
R918	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
R920	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
R921	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R922	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R923	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R924	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R925	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R926	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R927	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R928	2001-000258	R-CARBON	1.8KOHM,5%,1/8W,AA,TP,1.8	
R929	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R930	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R932	2001-000325	R-CARBON	1200HM,5%,1/8W,AA,TP,1.8X	
R933	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R934	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R935	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R936	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R937	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R938	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R939	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R940	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R941	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X	
R942	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R943	2001-001062	R-CARBON(S)	10MOHM,5%,1/2W,AA,TP,2.4X	
R944	2004-001201	R-METAL	68KOHM,5%,1/8W,AA,TP,1.8X	
R945	2001-000723	R-CARBON	4.3KOHM,5%,1/8W,AA,TP,1.8	
R946	2001-000723	R-CARBON	4.3KOHM,5%,1/8W,AA,TP,1.8	
R947	2001-000723	R-CARBON	4.3KOHM,5%,1/8W,AA,TP,1.8	
R948	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R949	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R950	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8	
R951	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R952	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R953	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R954	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R955	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
R956	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R957	2001-000723	R-CARBON	4.3KOHM,5%,1/8W,AA,TP,1.8	
R958	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R959	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R960	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X	
R962	2001-000837	R-CARBON	51KOHM,5%,1/8W,AA,TP,1.8X	
R966	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R968	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R969	2001-000522	R-CARBON	22KOHM,5%,1/8W,AA,TP,1.8X	
R970	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R971	2001-000660	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X	
R973	2008-000190	R-FUSIBLE(S)	1.2OHM,5%,2W,AA,TP,3.9X10	
R974	2008-001009	R-FUSIBLE	10HM,5%,1W,AA,TP,4.7X12.7	
R975	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R978	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X	
R979	2001-000786	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X	
R980	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
R981	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
R982	2001-000860	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X	
R983	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
R984	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
RT01	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8	
RT02	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
RT03	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
RT04	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
RT05	2001-000857	R-CARBON	5600HM,5%,1/8W,AA,TP,1.8X	
RT06	2001-000857	R-CARBON	5600HM,5%,1/8W,AA,TP,1.8X	
RT07	2001-000857	R-CARBON	5600HM,5%,1/8W,AA,TP,1.8X	
RT09	2001-000325	R-CARBON	1200HM,5%,1/8W,AA,TP,1.8X	
RT10	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
RT11	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
RT12	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
RT13	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
RT14	2001-000734	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8	
RT15	2001-000290	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X	
RT16	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
RT17	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
RT18	2004-001027	R-METAL	5.6KOHM,5%,1/8W,AA,TP,1.8	
RT19	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
RT20	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
RT21	2001-000563	R-CARBON	27KOHM,5%,1/8W,AA,TP,1.8X	
RT22	2001-000005	R-CARBON	3900HM,5%,1/8W,AA,TP,1.8X	
RT23	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
RT24	2001-000527	R-CARBON	220HM,5%,1/8W,AA,TP,1.8X3	
RW701	2011-001059	R-NETWORK	33K/24K/75/75/750HM,5%,1/	
RW702	2011-001058	R-NETWORK	75/75/1K/750HM,5%,1/8W,X.	
SF201	2904-000253	FILTER-SAW AV	33.9MHZ,DIP10P,ST,17.1DB.	
T201	AA26-10005G	TRANS-IF	-,7MG,VIF,150NH,-,-,38.8M	
TU101	AA40-10005P	TUNER-B/S	TELE9-042A,PAL-B/G,TR,181	
X201	2801-003332	CRYSTAL-UNIT	4.433618MHZ,30PPM,26-AAM,	
X202	2801-000231	CRYSTAL-UNIT	3.579545MHZ,30PPM,26-AAM,	
X901	2801-003224	CRYSTAL-UNIT	32.768KHZ,20PPM,26-AAY,12	
XT01	2801-000214	CRYSTAL-UNIT	27MHZ,40PPM,26-AAM,S,40OH	
Z201	2903-000181	FILTER-CERAMIC	TR,5.5MHZ,-,-,-,TP,TPS5.5	
Z202	2903-000129	FILTER-CERAMIC	TR,4.5M/4.72MHZ,-,-,-,TP,	

ASSY-ACCESSORY

RCA/C	AA39-40001B	CABLE-RCA	-,RCA,1500MM,0.12/10,RED/	
USER/I	AA68-11039A	MANUAL-USERS	SCT55A,M/P 100(G),B5,ENGL	SEH
USER/I	AA68-11033A	MANUAL-USERS	SCT55A,M/P 100(G),B5,POL!	SEPOL

ASSY-CRT

CRT	AA03-10018S	CRT-COLOR	-,A700AZ761X001(D#),+380L	SEH
CRT	AA03-10022S	CRT-COLOR	-,A700AZ761X001(D8A),+50L	SEPOL

ASSY-PCB,POWER

*	AA95-10009E	ASSY-PCB,POWER	-,SCT55A,29",100-260V,MVT	
C301	2201-000291	C-CERAMIC,DISC	1NF,10%,500V,Y5P,TP,8.5X5	
C302	2305-000149	C-FILM,MPEF	100NF,5%,100V,TP,12X12.5X	
C303	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11MM,	
C304	2401-000326	C-AL	100UF,20%,35V,GP,TP,8X11.	
C305	2401-000326	C-AL	100UF,20%,35V,GP,TP,8X11.	

Loc	Part-No	Description	Specification	Remarks
C306	2201-002022	C-CERAMIC,DISC	5PF,0.25PF,500V,NPO,TP,5X	
C307	2301-000212	C-FILM,PEF	220NF,5%,100V,-,18.0X10.0	
C308	2306-000187	C-FILM,MPPF	330NF,5%,400V,BK,26X20.5X	
C401	2301-000313	C-FILM,PEF	8.2NF,5%,100V,TP,7X3.2X7M	
C402	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
C403	2306-000178	C-FILM,MPPF	3.9NF,5%,1.6KV,BK,31X15X8	
C405	2303-000118	C-FILM,PPF	10NF,5%,1.6KV,BK,31X19.5X	
C406	2306-000226	C-FILM,MPPF	47NF,5%,630V,BK,19X15.5X7	
C407	2306-000272	C-FILM,MPPF	820NF,5%,400V,BK,29X25.5X	
C408	2201-000291	C-CERAMIC,DISC	1NF,10%,500V,Y5P,TP,8.5X5	
C409	2401-002481	C-AL	220UF,20%,35V,GP,TP,10X12	
C410	2201-000573	C-CERAMIC,DISC	47PF,5%,50V,CH,TP,6.5X3.0	
C411	2305-000470	C-FILM,MPEF	68NF,5%,100V,TP,-,5MM	
C412	2305-000407	C-FILM,MPEF	470NF,5%,100V,TP,-,5MM	
C415	2201-000556	C-CERAMIC,DISC	470PF,10%,500V,Y5P,TP,7X4	
C416	2401-001563	C-AL	47UF,20%,400V,GP,TP,16X25	
C417	2201-000556	C-CERAMIC,DISC	470PF,10%,500V,Y5P,TP,7X4	
C418	2401-001397	C-AL	470UF,20%,25V,GP,TP,10X16	
C419	2201-000556	C-CERAMIC,DISC	470PF,10%,500V,Y5P,TP,7X4	
C420	2401-001397	C-AL	470UF,20%,25V,GP,TP,10X16	
C421	2201-000556	C-CERAMIC,DISC	470PF,10%,500V,Y5P,TP,7X4	
C422	2401-001397	C-AL	470UF,20%,25V,GP,TP,10X16	
C423	2301-000213	C-FILM,PEF	220NF,5%,250V,BK,21.5X11.	
C430	2401-003114	C-AL	4.7UF,20%,250V,WT,TP,10X1	
C431	2306-000272	C-FILM,MPPF	820NF,5%,400V,BK,29X25.5X	
C432	2305-000382	C-FILM,MPEF	4.7NF,5%,400V,TP,-,5MM	
C433	2201-000984	C-CERAMIC,DISC	680PF,10%,2KV,Y5P,TP,11X6	
C801	2306-000159	C-FILM,MPPF	220NF,20%,250V,TP,-,22.5M	
C802	2306-000159	C-FILM,MPPF	220NF,20%,250V,TP,-,22.5M	
C803	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250VAC,Y5U,	
C804	2401-002286	C-AL	470UF,20%,25V,WT,TP,10X20	
C805	2201-000292	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X4.5M	
C806	2306-000323	C-FILM,MPPF	2.2NF,5%,1.6KV,TP,28.5X15	
C807	2306-000112	C-FILM,MPPF	100NF,20%,250V,BK,-,15MM	
C808	2201-000954	C-CERAMIC,DISC	4.7NF,20%,400V,Y5U,BK,7X1	
C809	2201-000954	C-CERAMIC,DISC	4.7NF,20%,400V,Y5U,BK,7X1	
C811	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250VAC,Y5U,	
C812	2201-002028	C-CERAMIC,DISC	470PF,10%,2KV,B,TP,8X6MM,	
C814	2401-002222	C-AL	220UF,20%,450V,WT,BK,30X4	
C815	2401-002222	C-AL	220UF,20%,450V,WT,BK,30X4	
C816	2401-002262	C-AL	10UF,20%,160V,WT,TP,10X20	
C817	2401-002274	C-AL	220UF,20%,35V,WT,TP,10X12	
C818	2201-000406	C-CERAMIC,DISC	270PF,10%,2KV,Y5P,TP,8X6,	
C819	2401-002251	C-AL	470UF,20%,200V,GP,BK,25X4	
C820	2401-000293	C-AL	100UF,+30-10%,200V,HR,TP,	
C821	2201-000551	C-CERAMIC,DISC	470PF,10%,1KV,Y5P,TP,8X5,	
C823	2401-000192	C-AL	1000UF,20%,50V,GP,TP,16X2	
C824	2201-000556	C-CERAMIC,DISC	470PF,10%,500V,Y5P,TP,7X4	
C825	2401-000166	C-AL	1000UF,20%,25V,WT,TP,13X2	
C826	2401-000832	C-AL	220UF,20%,25V,GP,TP,8X11.	
C827	2201-000556	C-CERAMIC,DISC	470PF,10%,500V,Y5P,TP,7X4	
C828	2401-000133	C-AL	1000UF,20%,16V,GP,TP,10X2	
C829	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
C830	2305-000412	C-FILM,MPEF	470NF,5%,63V,TP,-,5MM	
C833	2401-000832	C-AL	220UF,20%,25V,GP,TP,8X11.	
C834	2401-002262	C-AL	10UF,20%,160V,WT,TP,10X20	
C835	2201-000991	C-CERAMIC,DISC	560PF,10%,2KV,Y5P,TP,13X7	
CH01	2306-000193	C-FILM,MPPF	360NF,5%,200V,TP,21X18.5X	
CN01	3711-002641	CONNECTOR-HEADER	BOX,10P,1R,2.5MM,STRAIGHT	
CNB03	3710-001141	CONNECTOR-SOCKET	12P,1R,2.5MM,STRAIGHT,SN	
CNB04	3710-001141	CONNECTOR-SOCKET	12P,1R,2.5MM,STRAIGHT,SN	
CNB13	3711-002643	CONNECTOR-HEADER	BOX,4P,1R,2.5MM,STRAIGHT,	
D301	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
D302	0403-000563	DIODE-ZENER	MTZ9.1B,9.1V,8.57~9.01V,5	
D303	0403-000494	DIODE-ZENER	MTZ39,39V,35.36~37.2V,500	
D304	0403-000700	DIODE-ZENER	TZP33A,33V,31~35V,1W,DO~4	
D305	0403-000658	DIODE-ZENER	MTZ18A,18V,16.22~17.06V,5	
D306	0403-000658	DIODE-ZENER	MTZ18A,18V,16.22~17.06V,5	
D401	0402-000129	DIODE-RECTIFIER	1N4003,200V,1A,DO~41	
D402	0402-000129	DIODE-RECTIFIER	1N4003,200V,1A,DO~41	
D403	0402-000266	DIODE-RECTIFIER	RH4F,1500V,1.5A,-	
D404	0402-000542	DIODE-RECTIFIER	RU4AM,600V,2A,-	
D405	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D409	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D410	0402-000534	DIODE-RECTIFIER	RG10V,400V,1.2A,DO~201,TP	
D411	0402-000534	DIODE-RECTIFIER	RG10V,400V,1.2A,DO~201,TP	
D412	0402-000534	DIODE-RECTIFIER	RG10V,400V,1.2A,DO~201,TP	
D413	0403-000668	DIODE-ZENER	MTZ8.2B,8.2V,7.78~8.19V,5	
D415	0402-000537	DIODE-RECTIFIER	RH1A,600V,0.6A,DO~204AC	
D804	0402-000493	DIODE-RECTIFIER	1R5GU41,400V,1.5A,DO~15L,	
D805	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D806	0402-000549	DIODE-BRIDGE	RBV606,600V,6A,~,BK	H/S-POW
D807	0402-000213	DIODE-RECTIFIER	ERB12~06,600V,1.0A,DO~41	
D808	0402-000493	DIODE-RECTIFIER	1R5GU41,400V,1.5A,DO~15L,	
D809	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D810	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D811	0403-000704	DIODE-ZENER	TZP7.5B,7.5V,7.5~8.4V,1W,	
D812	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D813	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D814	1405-000152	VARISTOR	560V,2500A,14X8.5MM,TP	
D815	1405-000152	VARISTOR	560V,2500A,14X8.5MM,TP	
D816	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D817	0402-000231	DIODE-RECTIFIER	FMG-G26S,600V,4A,TO~220F	H/S-IR
D818	0402-000564	DIODE-RECTIFIER	FML-G22S,200V,10A,TO~220	H/S-IR
D819	0402-000233	DIODE-RECTIFIER	FML-G12S,200V,5A,-	H/S-POW
D821	0402-000544	DIODE-RECTIFIER	RU4Y,100V,2A,-	
D822	0403-000704	DIODE-ZENER	TZP7.5B,7.5V,7.5~8.4V,1W,	
D823	0403-000654	DIODE-ZENER	MTZ12B,12V,11.44~12.03V,5	
D824	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D825	0402-000129	DIODE-RECTIFIER	1N4003,200V,1A,DO~41	
D826	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D827	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO~41	
D829	0402-000493	DIODE-RECTIFIER	1R5GU41,400V,1.5A,DO~15L,	
D830	0403-000562	DIODE-ZENER	MTZ7.5B,7.5V,7.07~7.45V,5	
DZ401	0403-000701	DIODE-ZENER	TZP5.1A,5.1V,4.8~5.4V,1W,	
DZ801	0403-000697	DIODE-ZENER	TZP10A,10V,9.4~10.6V,1W,D	
EYELE	AA60-40011A	EYELET	ID2.0,OD2.8,-,-,BST,-	EY07-190
EYELE	AA60-40011B	EYELET	ID2.2,OD3.2,-,-,BSP,-	EL01-19
F801M	3601-000261	FUSE-FERRULE	250V,3.15A,TIME LAG,GLASS	
F801M	3602-000114	FUSE-HOLDER	-,-,30MOHM	
F801M	3602-000114	FUSE-HOLDER	-,-,30MOHM	
IC301	1204-000517	IC-VERTIVAL DEF.	LA7845,SIP,7P,-,PLASTIC,	H/SINK
IC401	1201-000191	IC-OP AMP	4558,DIP,8P,300MIL,DUAL,2	
IC801	AA13-20002K	IC-HYBRID	-,STR-S6709 LF953,SIP,9P	H/SINK
IC802	0604-000117	PHOTO-COUPLER	TR,130~260%,200MW,DIP~4,S	
J819	2001-000118	R-CARBON(S)	1800HM,5%,1/2W,AA,TP,2.4X	
L301	AA27-40001N	COIL-HORIZ.WIDTH	-,90/260UH,S8~S5620,P10.8	
L402	AA27-30003B	COIL-LINERITY	-,50UH,YL8114X15.0.2X10.3	
L403	AA27-40003F	COIL-HORIZ.WIDTH	-,3.0MH,ER14X20,P10.35,-	
L404	AA27-40003N	COIL-HORIZ.WIDTH	-,560UH,DR15X25,USTCO.12X	
L410	2901-000297	FILTER-EMI ON BOARD	-,3A,-,-,3.5X5,TP,-	
L801	AA29-30002F	FILTER-LINE NOISE	-,6MH,2.45A,-,-	
L802	AA29-30002F	FILTER-LINE NOISE	-,6MH,2.45A,-,-	
L803	3301-000287	CORE-FERRITE BEAD	AA,3.5X1.0X6.0MM,1500,240	
L804	3301-000287	CORE-FERRITE BEAD	AA,3.5X1.0X6.0MM,1500,240	
L805	AA27-10002L	COIL-CHOKE	-,24UH,K,-,2A,-,24UH-K,10	

Loc	Part-No	Description	Specification	Remarks
L806	3301-000287	CORE-FERRITE BEAD	AA,3.5X1.0X6.0MM,1500,240	
L808	3301-000287	CORE-FERRITE BEAD	AA,3.5X1.0X6.0MM,1500,240	
L809	AA27-10002L	COIL-CHOKE	-,24UH,K,-,2A,-,24UH-K,10	
L811	3301-000287	CORE-FERRITE BEAD	AA,3.5X1.0X6.0MM,1500,240	
L812	AA27-10002L	COIL-CHOKE	-,24UH,K,-,2A,-,24UH-K,10	
L813	3301-000287	CORE-FERRITE BEAD	AA,3.5X1.0X6.0MM,1500,240	
L815	3301-000287	CORE-FERRITE BEAD	AA,3.5X1.0X6.0MM,1500,240	
L816	3301-000287	CORE-FERRITE BEAD	AA,3.5X1.0X6.0MM,1500,240	
PIN-G	AA80-40014A	PIN-GT,ASSY	1P,-,-,AUTO	ALL
Q401	0502-001007	TR-POWER	KSC2073-H2,NPN,25W,TO~220	
Q402	0502-000450	TR-POWER	2SD1887YD,NPN,1500V,800V	H/SINK
Q404	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400MW,TO~92,TP	
Q405	0502-000298	TR-POWER	KSD73,NPN,30W,TO~220,-,1%	H/SINK
Q801	0503-000153	TR-DARLINGTON	TIP102,NPN,2W,TO~220,TP,1	
Q802	AA13-20004H	IC-HYBRID	-,SE135N-LF12,TO220~LF12,	
Q803	0501-000369	TR-SMALL SIGNAL	KSC2331-Y,NPN,1W,TO~92L,-	
Q804	0501-000366	TR-SMALL SIGNAL	KSC2330-Y,NPN,1W,TO~92L,-	
Q805	0501-000366	TR-SMALL SIGNAL	KSC2330-Y,NPN,1W,TO~92L,-	
Q806	0502-000244	TR-POWER	KSA940,PNP,1.5W,TO~220,-,	
R301	2004-001897	R-METAL(S)	43.2KOHM,1%,1/2W,AA,TP,2.	
R302	2004-001373	R-METAL(S)	100KOHM,1%,1/2W,AA,TP,2.4	
R303	2004-004073	R-METAL	7.2KOHM,1%,1/2W,AA,TP,2.5	
R304	2004-004070	R-METAL	42.7KOHM,1%,1/2W,AA,TP,2.	
R305	2003-002014	R-METAL OXIDE(S)	0.60HM,5%,2W,AF,TP,3.9X10	
R306	2003-000746	R-METAL OXIDE(S)	560HM,5%,2W,AF,TP,4X12MM	
R307	2001-000016	R-CARBON(S)	10HM,5%,1/2W,AA,TP,2.4X6.	
R309	2001-001159	R-CARBON(S)	5100HM,5%,1/2W,AA,TP,2.4X	
R310	2001-001098	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6	
R311	2003-000746	R-METAL OXIDE(S)	560HM,5%,2W,AF,TP,4X12MM	
R402	2001-001055	R-CARBON(S)	1.8KOHM,5%,1/2W,AA,TP,2.4	
R403	2001-000037	R-CARBON(S)	3300HM,5%,1/2W,AA,TP,2.4X	
R404	2001-000020	R-CARBON(S)	220HM,5%,1/2W,AA,TP,2.4X6	
R405	2001-001183	R-CARBON(S)	5600HM,5%,1/2W,AA,TP,2.4X	
R406	2004-001897	R-METAL(S)	43.2KOHM,1%,1/2W,AA,TP,2.	
R407	2004-001376	R-METAL(S)	11KOHM,1%,1/2W,AA,TP,2.4X	
R408	2004-001379	R-METAL(S)	12KOHM,1%,1/2W,AA,TP,2.4X	
R409	2004-001390	R-METAL(S)	1KOHM,2%,1/2W,AA,TP,2.4X6	
R410	2001-001409	R-CARBON(S)	390KOHM,2%,1/2W,AA,TP,6.5	
R411	2001-000052	R-CARBON(S)	3.3KOHM,5%,1/2W,AA,TP,2.4	
R412	2001-001044	R-CARBON(S)	1.1KOHM,5%,1/2W,AA,TP,2.4	
R413	2001-001111	R-CARBON(S)	2400HM,5%,1/2W,AA,TP,2.4X	
R414	2008-000221	R-FUSIBLE	0.470HM,10%,1/2W,AA,TP,4.	
R415	2001-001120	R-CARBON(S)	3.30HM,5%,1/2W,AA,TP,2.4X	
R416	2004-001395	R-METAL(S)	330KOHM,2%,1/2W,AA,TP,2.4	
R418	2008-001002	R-FUSIBLE(S)	0.180HM,5%,2W,AA,TP,3.9X1	
R420	2008-001005	R-FUSIBLE	0.470HM,10%,1W,AA,TP,4.7X	
R421	2008-000221	R-FUSIBLE	0.470HM,10%,1/2W,AA,TP,4.	
R422	2008-001019	R-FUSIBLE	0.20HM,10%,1/2W,AA,TP,2.5	
R423	2008-001009	R-FUSIBLE	10HM,5%,1W,AA,TP,4.7X12.7	
R424	2004-001893	R-METAL(S)	22KOHM,1%,1/2W,AA,TP,2.5X	
R425	2004-001897	R-METAL(S)	43.2KOHM,1%,1/2W,AA,TP,2.	
R426	2004-000698	R-METAL	3.3KOHM,1%,1/4W,AA,TP,2.4	
R427	2004-001390	R-METAL(S)	1KOHM,2%,1/2W,AA,TP,2.4X6	
R434	2003-000993	R-METAL OXIDE(S)	3.9KOHM,5%,1W,AF,TP,2.5X6	
R448	2008-001009	R-FUSIBLE	10HM,5%,1W,AA,TP,4.7X12.7	
R453	2001-001146	R-CARBON(S)	4.70HM,5%,1/2W,AA,TP,2.4X	
R457	2003-000586	R-METAL OXIDE(S)	22KOHM,5%,2W,AF,TP,4X12MM	
R458	2003-000586	R-METAL OXIDE(S)	22KOHM,5%,2W,AF,TP,4X12MM	
R801	1404-000178	THERMISTOR-PTC	70HM,20%,-,290V,25A,-,BK	
R802	2002-000334	R-COMPOSITION	8.2MOHM,10%,1/2W,AA,TP,3.	
R803	1404-000181	THERMISTOR-NTC	4.70HM,20%,2900K,-,BK	
R804	2003-001090	R-METAL OXIDE(S)	10KOHM,5%,2W,AF,TP,4X12MM	
R805	2003-001090	R-METAL OXIDE(S)	10KOHM,5%,2W,AF,TP,4X12MM	
R806	2003-000462	R-METAL OXIDE(S)	10KOHM,5%,2W,AA,TP,4X12MM	
R808	2001-001129	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4	
R809	2001-001129	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4	
R810	2009-001001	R-METAL PLATE	0.12OHM,10%,5W,CL,TP,5X14	
R811	2001-001117	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6	
R812	2001-001093	R-CARBON(S)	2.2KOHM,5%,1/2W,AA,TP,2.4	
R813	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6	
R814	2006-001008	R-CEMENT	8.2OHM,5%,5W,CJ,TP,10.5X1	
R815	2001-001117	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6	
R816	2001-001117	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6	
R817	2003-001093	R-METAL OXIDE(S)	12KOHM,5%,2W,AF,TP,3.9X10	
R818	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6	
R819	2001-001097	R-CARBON(S)	2.4KOHM,5%,1/2W,AA,TP,2.4	
R820	2003-001090	R-METAL OXIDE(S)	10KOHM,5%,2W,AF,TP,4X12MM	
R821	2001-001144	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4	
R822	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6	
R824	2003-000590	R-METAL OXIDE(S)	220HM,5%,2W,AA,TP,4X12MM	
R825	2001-000117	R-CARBON(S)	680HM,5%,1/2W,AA,TP,2.4X6	
R827	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6	
R828	2008-001011	R-FUSIBLE(S)	0.180HM,10%,2W,AF,TP,3.9X	
R829	2001-001164	R-CARBON(S)	56KOHM,5%,1/2W,AA,TP,2.4X	
R831	2001-000028	R-CARBON(S)	100OHM,5%,1/2W,AA,TP,2.4X	
R832	2001-001122	R-CARBON(S)	3.9KOHM,5%,1/2W,AA,TP,2.4	
R833	2001-001078	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X	
RH01	2002-000332	R-COMPOSITION	47KOHM,10%,1/2W,AA,TP,3.5	
RL802	3501-001040	RELAY-POWER	12VDC,500MW,10A,1FORMC,15	
T301	AA26-70001Q	TRANS-PINCUSHION	-,1.85MH,182UH,-,PI1726EQ	
T401	AA26-50001L	HORIZ.DRIVE	-,29MH,133UH,4.5UH,EI2218	
T444	AA26-30003B	TRANS-FLYBACK	-,FCZ-29A006,29",130V	
T801	AA26-20006M	TRANS-SWITCHING	-,90~260V,135V/15V/7.5V,U	
TH01	AA26-90002C	TRANS-DUMMY	-,3.5MH,EER2834,130/1200,	

ASSY-PCB,CRT

	AA95-20007V	ASSY-PCB,CRT	-,SCT55A,29",MVT,-	
C501	2201-000193	C-CERAMIC,DISC	10PF,0.3PF,50V,CH,TP,5X3,	
C502	2201-000193	C-CERAMIC,DISC	10PF,0.3PF,50V,CH,TP,5X3,	
C503	2201-000193	C-CERAMIC,DISC	10PF,0.3PF,50V,CH,TP,5X3,	
C504	2306-000122	C-FILM,MPPF	100NF,5%,50V,TP,7.3X4.0X5	
C505	2306-000122	C-FILM,MPPF	100NF,5%,50V,TP,7.3X4.0X5	
C506	2306-000122	C-FILM,MPPF	100NF,5%,50V,TP,7.3X4.0X5	
C507	2201-000379	C-CERAMIC,DISC	22NF,+80-20%,50V,Y5V,TP,8	
C508	2201-000379	C-CERAMIC,DISC	22NF,+80-20%,50V,Y5V,TP,8	
C509	2201-000379	C-CERAMIC,DISC	22NF,+80-20%,50V,Y5V,TP,8	
C510	2305-000154	C-FILM,MPEF	100NF,5%,400V,TP,21.5X6.5	
C511	2305-000154	C-FILM,MPEF	100NF,5%,400V,TP,21.5X6.5	
C512	2305-000154	C-FILM,MPEF	100NF,5%,400V,TP,21.5X6.5	
C513	2201-000558	C-CERAMIC,DISC	470PF,10%,50V,Y5P,TP,5X3,	
C514	2201-000558	C-CERAMIC,DISC	470PF,10%,50V,Y5P,TP,5X3,	
C515	2201-000558	C-CERAMIC,DISC	470PF,10%,50V,Y5P,TP,5X3,	
C517	2201-000158	C-CERAMIC,DISC	10NF,+80-20%,3KV,Y5V,BK,-	
C518	2401-002264	C-AL	10UF,20%,350V,GP,TP,10X20	
C519	2401-000947	C-AL	22UF,20%,35V,GP,TP,5X11MM	
C520	2401-000689	C-AL	2200UF,20%,16V,GP,TP,13X2	
C521	2401-001177	C-AL	33UF,20%,25V,GP,TP,8.3X11	
C801	2401-000832	C-AL	220UF,20%,25V,GP,TP,8X11.	
C902	2301-000530	C-FILM,PEF	100NF,5%,100V,11.5X12.5X6	
C903	2401-000480	C-AL	10UF,20%,50V,GP,TP,5X11.5	
C904	2401-000832	C-AL	220UF,20%,25V,GP,TP,8X11.	
CN503	3711-002643	CONNECTOR-HEADER	BOX,4P,1R,2.5MM,STRAIGHT,	
CP501	3711-002641	CONNECTOR-HEADER	BOX,10P,1R,2.5MM,STRAIGHT	
CPV01	3711-000661	CONNECTOR-HEADER	BOX,12P,1R,2.5MM,STRAIGHT	

Loc	Part-No	Description	Specification	Remarks
CPV02	3711-002642	CONNECTOR-HEADER	8CX,3P,1R,2.5MM,STRAIGHT,	
CRT-HA	AA39-20032C	LEAD-CONNECTOR,ASS'Y	-,67096-012,S,12P,400,100	
CRT-HP	AA39-20025E	LEAD-CONNECTOR,ASS'Y	-,67096-010,S,10P,400,100	
CV01	2401-002459	C-AL	220UF,20%,25V,LZ,TP,10X16	
CV02	2201-000179	C-CERAMIC,DISC	10NF,10%,50V,Y5V,TP,6.5X3	
CV03	2308-000122	C-FILM,MPPF	100NF,5%,50V,TP,7.3X4.0X5	
CV05	2305-000665	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
CV06	2201-000139	C-CERAMIC,DISC	100PF,2%,50V,CH,TP,8X3.5	
CV07	2201-000390	C-CERAMIC,DISC	22PF,5%,50V,RH,TP,5.0X3.0	
CV08	2201-000980	C-CERAMIC,DISC	30PF,5%,50V,CH,TP,5.0X3.0	
CV09	2201-000441	C-CERAMIC,DISC	3.3NF,10%,500V,Y5P,TP,10X	
CV10	2401-000430	C-AL	10UF,20%,250V,GP,TP,10X16	
CV11	2401-000444	C-AL	10UF,20%,25V,GP,TP,5X5MM,	
CV12	2401-000444	C-AL	10UF,20%,25V,GP,TP,5X5MM,	
CV13	2401-001527	C-AL	47UF,20%,250V,HR,TP,13X25	
CV14	2401-001527	C-AL	47UF,20%,250V,HR,TP,13X25	
CV15	2201-000604	C-CERAMIC,DISC	56PF,+100-0%,500V,SL,TP,7	
CV16	2401-000395	C-AL	10UF,20%,160V,GP,TP,10X12	
CV17	2201-000441	C-CERAMIC,DISC	3.3NF,10%,500V,Y5P,TP,10X	
CV18	2201-000441	C-CERAMIC,DISC	3.3NF,10%,500V,Y5P,TP,10X	
CV19	2401-000405	C-AL	10UF,20%,16V,BP,TP,6X11MM	
CV20	2401-000444	C-AL	10UF,20%,25V,GP,TP,5X5MM,	
CV21	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
D501	0402-000129	DIODE-RECTIFIER	1N4003,200V,1A,DO-41	
D502	0403-000662	DIODE-ZENER	MTZ3.0B,3.0V,3.01-3.22V,5	
D503	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
D504	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
D505	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
D506	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
D507	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
D508	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
D509	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
D511	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D512	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D513	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D514	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
D001	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
DL01	4711-001009	DELAY LINE	110NS/200KHZ,3.5MHZ,16.5X	
DV01	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
DV02	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
DV03	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
DV04	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41	
DV05	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
DV06	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
DV07	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
DV08	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
DZ501	0403-000656	DIODE-ZENER	MTZ15C,15V,14.35-15.09V,5	
DZ503	0403-000656	DIODE-ZENER	MTZ15C,15V,14.35-15.09V,5	
DZ505	0403-000656	DIODE-ZENER	MTZ15C,15V,14.35-15.09V,5	
EL01	AA80-40011B	EYELET	ID2.2.OD3.2,-,-,BSP,-	EL01-12
GT501	AA80-40014A	PIN-GT,ASSY	1P,-,-,AUTO	GT501-504
IC501	1201-000539	IC-VIDEO AMP	6101,ZIP,9P,-,SINGLE,-,PL	H/S-TR
IC502	1201-000539	IC-VIDEO AMP	6101,ZIP,9P,-,SINGLE,-,PL	H/S-TR
IC503	1201-000539	IC-VIDEO AMP	6101,ZIP,9P,-,SINGLE,-,PL	H/S-TR
IC504	1201-000191	IC-OP AMP	4558,DIP,8P,300MIL,DUAL,2	
IC505	AA13-20002S	IC-HYBRID	-,SPK101,SIP,6P,SPOT KILL	
LV01	AA27-10001E	COIL-CHOKE	-,1.0UH,K,25,2100A,T,SP04	
LV04	2702-000158	INDUCTOR-RADIAL	39UH,10%,6X6.4MM	
Q001	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400MW,TO-92,TP	
Q002	0502-000244	TR-POWER	KSA940,PNP,1.5W,TO-220,-,	
Q003	0502-000260	TR-POWER	2SC2073,NPN,25W,TO-220,-,	
QV01	0501-000245	TR-SMALL SIGNAL	BC548C,NPN,500MW,TO-92,TP	
QV02	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400MW,TO-92,TP	

Loc	Part-No	Description	Specification	Remarks
QV03	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
QV04	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400MW,TO-92,TP	
QV05	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
QV06	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
QV07	0501-000369	TR-SMALL SIGNAL	KSC2331-Y,NPN,TR,TO-92L,-	
QV08	0502-000131	TR-POWER	2SA1011-D,PNP,1.2W,TO-22X	H/S-TR
QV09	0502-000153	TR-POWER	2SC2344-D,NPN,1.2W,TO-22X	H/S-TR
QV10	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
QV11	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400MW,TO-92,TP	
R501	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3	
R502	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3	
R503	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3	
R506	2001-001123	R-CARBON(S)	3.9MOHM,5%,1/2W,AA,TP,2.4	
R507	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
R511	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
R512	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
R513	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
R514	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4	
R515	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4	
R516	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4	
R517	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R518	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R519	2001-000515	R-CARBON	2200HM,5%,1/8W,AA,TP,1.8X	
R520	2001-001159	R-CARBON(S)	510OHM,5%,1/2W,AA,TP,2.4X	
R521	2002-000325	R-COMPOSITION	1.6KOHM,5%,1/2W,AA,TP,3.5	
R522	2002-000325	R-COMPOSITION	1.6KOHM,5%,1/2W,AA,TP,3.5	
R523	2002-000325	R-COMPOSITION	1.8KOHM,5%,1/2W,AA,TP,3.5	
R524	2001-000096	R-CARBON(S)	1MOHM,5%,1/2W,AA,TP,2.4X6	
R525	2002-000325	R-COMPOSITION	1.8KOHM,5%,1/2W,AA,TP,3.5	
R526	2008-000278	R-FUSIBLE(S)	820HM,5%,2W,AA,TP,3.9X10M	
RG01	2004-001397	R-METAL(S)	4.7KOHM,1%,1/2W,AA,TP,2.4	
RG02	2004-001897	R-METAL(S)	43.2KOHM,1%,1/2W,AA,TP,2.	
RG03	2004-001402	R-METAL(S)	6.8KOHM,1%,1/2W,AA,TP,2.4	
RG04	2004-001893	R-METAL(S)	22KOHM,1%,1/2W,AA,TP,2.5X	
RG05	2001-001163	R-CARBON(S)	5600HM,5%,1/2W,AA,TP,2.4X	
RG06	2001-001100	R-CARBON(S)	2.7OHM,5%,1/2W,AA,TP,2.4X	
RG07	2001-001100	R-CARBON(S)	2.7OHM,5%,1/2W,AA,TP,2.4X	
RG08	2001-001163	R-CARBON(S)	5600HM,5%,1/2W,AA,TP,2.4X	
RV01	2008-000179	R-FUSIBLE(S)	100HM,5%,1/2W,AA,TP,2.5X6	
RV02	2001-000281	R-CARBON	1000HM,5%,1/8W,AA,TP,1.8X	
RV03	2001-001178	R-CARBON(S)	6800HM,5%,1/2W,AA,TP,2.4X	
RV04	2001-000362	R-CARBON	1500HM,5%,1/8W,AA,TP,1.8X	
RV05	2001-000241	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8	
RV06	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X	
RV07	2004-001027	R-METAL	5.6KOHM,5%,1/8W,AA,TP,1.8	
RV08	2001-000522	R-CARBON	22KOHM,5%,1/8W,AA,TP,1.8X	
RV09	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3	
RV10	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
RV11	2008-000275	R-FUSIBLE(S)	5600HM,5%,2W,AA,TP,3.9X10	
RV12	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X	
RV13	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X	
RV14	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
RV15	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
RV16	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8	
RV17	2001-000005	R-CARBON	3900HM,5%,1/8W,AA,TP,1.8X	
RV18	2001-000554	R-CARBON	2700HM,5%,1/8W,AA,TP,1.8X	
RV19	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8	
RV20	2003-001026	R-METAL OXIDE(S)	1800HM,5%,2W,AF,TP,3.9X10	
RV21	2001-000273	R-CARBON	100KOHM,5%,1/8W,AA,TP,1.8	
RV22	2001-001045	R-CARBON(S)	1.2KOHM,5%,1/2W,AA,TP,2.4	
RV23	2001-001050	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4	
RV24	2001-001179	R-CARBON(S)	68KOHM,5%,1/2W,AA,TP,2.4X	
RV25	2001-001179	R-CARBON(S)	68KOHM,5%,1/2W,AA,TP,2.4X	

Loc	Part-No	Description	Specification	Remarks
RV26	2001-001050	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4	
RV27	2001-001045	R-CARBON(S)	1.2KOHM,5%,1/2W,AA,TP,2.4	
RV28	2003-000746	R-METAL OXIDE(S)	560HM,5%,2W,AF,TP,4X12MM	
RV29	2001-001152	R-CARBON(S)	47KOHM,5%,1/2W,AA,TP,2.4X	
RV30	2003-000746	R-METAL OXIDE(S)	560HM,5%,2W,AF,TP,4X12MM	
RV31	2001-001100	R-CARBON(S)	2.7OHM,5%,1/2W,AA,TP,2.4X	
RV32	2001-001100	R-CARBON(S)	2.7OHM,5%,1/2W,AA,TP,2.4X	
RV33	2003-001018	R-METAL OXIDE(S)	2200HM,5%,2W,AF,TP,3.9X10	
RV34	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
RV35	2001-000258	R-CARBON	1.8KOHM,5%,1/8W,AA,TP,1.8	
RV36	2001-000221	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8	
RV37	2001-000534	R-CARBON	2400HM,5%,1/8W,AA,TP,1.8X	
RV38	2001-000577	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3	
RV39	2001-000331	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X	
RV40	2001-000628	R-CARBON	3000HM,5%,1/8W,AA,TP,1.8X	
RV42	2001-000780	R-CARBON	4700HM,5%,1/8W,AA,TP,1.8X	
RV43	2001-000554	R-CARBON	2700HM,5%,1/8W,AA,TP,1.8X	
V501	3704-000116	SOCKET-CRT	7P,32.5P1,35.5P1,SN	

ASSY-SOUND

Loc	Part-No	Description	Specification	Remarks
*	AA95-40010H	ASSY-SOUND	-,CS722A,SCT55A,NIC,A2,SC	
C6001	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
C6002	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
C6003	2203-000192	C-CERAMIC,CHIP	100NF,+80-20%,50V,Y5V,TP,	
C6004	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
C6005	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
C6006	2401-000254	C-AL	100UF,20%,10V,LL,TP,8X11,	
C6007	2203-000889	C-CERAMIC,CHIP	4.7NF,10%,50V,X7R,TP,2012	
C6008	2203-000080	C-CERAMIC,CHIP	470NF,+80-20%,16V,Y5V,201	
C6009	2203-000080	C-CERAMIC,CHIP	470NF,+80-20%,16V,Y5V,201	
C6010	2203-000080	C-CERAMIC,CHIP	470NF,+80-20%,16V,Y5V,201	
C6011	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
C6012	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
C6013	2203-000802	C-CERAMIC,CHIP	33NF,10%,50V,X7R,TP,2012,	
C6014	2203-000753	C-CERAMIC,CHIP	330NF,+80-20%,50V,Y5V,TP,	
C6015	2203-000441	C-CERAMIC,CHIP	1NF,10%,50V,X7R,TP,2012,2	
C6016	2203-000379	C-CERAMIC,CHIP	15PF,10%,50V,NP0,TP,2012,	
C6017	2203-000379	C-CERAMIC,CHIP	15PF,10%,50V,NP0,TP,2012,	
C6018	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11MM,	
C6019	2203-000080	C-CERAMIC,CHIP	470NF,+80-20%,16V,Y5V,201	
C6020	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
C6021	2203-000595	C-CERAMIC,CHIP	220PF,5%,50V,NP0,2012,-,T	
C6022	2203-000595	C-CERAMIC,CHIP	220PF,5%,50V,NP0,2012,-,T	
C6023	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
C6024	2203-000892	C-CERAMIC,CHIP	47PF,10%,50V,NP0,TP,2012,	
C6025	2203-000441	C-CERAMIC,CHIP	1NF,10%,50V,X7R,TP,2012,2	
C6026	2203-000080	C-CERAMIC,CHIP	470NF,+80-20%,16V,Y5V,201	
C6027	2203-000192	C-CERAMIC,CHIP	100NF,+80-20%,50V,Y5V,TP,	
C6028	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
C6029	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
C6030	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
C6031	2203-000080	C-CERAMIC,CHIP	470NF,+80-20%,16V,Y5V,201	
C6032	2203-000727	C-CERAMIC,CHIP	3.9NF,10%,50V,X7R,TP,2012	
C6033	2203-000727	C-CERAMIC,CHIP	3.9NF,10%,50V,X7R,TP,2012	
C6034	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C6035	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C6036	2203-000060	C-CERAMIC,CHIP	470NF,+80-20%,16V,Y5V,201	
C6037	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C6038	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C6039	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C6040	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C6041	2401-002270	C-AL	2.2UF,20%,50V,GP,TP,4X5MM	
C6042	2401-002270	C-AL	2.2UF,20%,50V,GP,TP,4X5MM	
C6043	2203-000937	C-CERAMIC,CHIP	470PF,5%,50V,NP0,BK,2012,	
C6044	2203-000937	C-CERAMIC,CHIP	470PF,5%,50V,NP0,BK,2012,	
C6045	2203-000080	C-CERAMIC,CHIP	470NF,+80-20%,16V,Y5V,201	
C6046	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
C6047	2203-000561	C-CERAMIC,CHIP	220NF,+80-20%,25V,Y5V,BK,	
C6048	2401-002270	C-AL	2.2UF,20%,50V,GP,TP,4X5MM	
C6049	2401-000914	C-AL	22UF,20%,16V,-,TP,5X11,5M	
C6050	2401-002270	C-AL	2.2UF,20%,50V,GP,TP,4X5MM	
C6051	2203-000192	C-CERAMIC,CHIP	100NF,+80-20%,50V,Y5V,TP,	
C6052	2203-000192	C-CERAMIC,CHIP	100NF,+80-20%,50V,Y5V,TP,	
C6053	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C6054	2401-000620	C-AL	2.2UF,10%,50V,GP,TP,5X11M	
C6055	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11,	
CASE	AA83-40023A	SHIELD-CASE	-,SPTE,TO.5,SCT51A,Z70,NZ	
CN600	3711-002709	CONNECTOR-HEADER	NONALL,12P,1R,2.5MM,ANGLE	
CN600	3711-002709	CONNECTOR-HEADER	NONALL,12P,1R,2.5MM,ANGLE	
D6001	0405-000108	DIODE-VARACTOR	BB405B,28V,10NA,DO-34,TP	
D6002	0401-000160	DIODE-SWITCHING	ISS314,30V,100MA,150MW,-,	
D6003	0401-000160	DIODE-SWITCHING	ISS314,30V,100MA,150MW,-,	
IC600	1204-001140	IC-SOUND	TDA9875,DIP,64P,750MIL,PL	
IC600	1204-001047	IC-FM CIRCUIT	TDA9808,DIP,20P,-,PLASTIC	
IC600	1201-000407	IC-POWER AMP	7050,DIP,8P,-,SINGLE,-,PL	
IC600	1201-000191	IC-OP AMP	4558,DIP,8P,300MIL,DUAL,2	
L6001	2701-000188	INDUCTOR-AXIAL	3.3UH,5%,2.5X3.4MM	
Q6001	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
Q6002	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
Q6003	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
Q6004	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
Q6005	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
R6001	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,20	
R6002	2007-000586	R-CHIP	22KOHM,5%,1/10W,DA,TP,201	
R6003	2007-000586	R-CHIP	22KOHM,5%,1/10W,DA,TP,201	
R6004	2007-000841	R-CHIP	47KOHM,5%,1/10W,DA,TP,201	
R6005	2007-000546	R-CHIP	20KOHM,5%,1/10W,DA,TP,201	
R6006	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
R6007	2007-000830	R-CHIP	39KOHM,5%,1/10W,DA,TP,201	
R6008	2007-000881	R-CHIP	4.7OHM,5%,1/10W,DA,TP,201	
R6009	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
R6010	2007-000308	R-CHIP	100HM,5%,1/10W,DA,TP,2012	
R6011	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,201	
R6012	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,201	
R6013	2007-000881	R-CHIP	4.7OHM,5%,1/10W,DA,TP,201	
R6014	2007-000308	R-CHIP	100HM,5%,1/10W,DA,TP,2012	
R6015	2007-000642	R-CHIP	2700HM,5%,1/10W,DA,TP,201	
R6016	2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,20	
R6017	2007-000642	R-CHIP	2700HM,5%,1/10W,DA,TP,201	
R6018	2007-000586	R-CHIP	22KOHM,5%,1/10W,DA,TP,201	
R6019	2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,20	
R6020	2007-000964	R-CHIP	5.1KOHM,5%,1/10W,DA,TP,20	
R6021	2007-000671	R-CHIP	2KOHM,5%,1/10W,DA,TP,2012	
R6022	2007-000964	R-CHIP	5.1KOHM,5%,1/10W,DA,TP,20	
R6023	2007-000671	R-CHIP	2KOHM,5%,1/10W,DA,TP,2012	
R6024	2007-000262	R-CHIP	100KOHM,5%,1/10W,DA,TP,20	
R6025	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R6026	2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,20	
R6027	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R6028	2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,20	
R6029	2007-000981	R-CHIP	5.6KOHM,5%,1/10W,DA,TP,20	
R6030	2007-000586	R-CHIP	22KOHM,5%,1/10W,DA,TP,201	
R6031	2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,20	
R6032	2007-000981	R-CHIP	5.6KOHM,5%,1/10W,DA,TP,20	

Loc	Part-No	Description	Specification	Remarks
R6033	2007-000493	R-CHIP	2.2KOHM,5%,1/10W,DA,TP,20	
R6034	2007-000493	R-CHIP	2.2KOHM,5%,1/10W,DA,TP,20	
R6035	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,20	
R6036	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,201	
R6037	2007-000981	R-CHIP	5.6KOHM,5%,1/10W,DA,TP,20	
R6038	2007-000030	R-CHIP	560OHM,5%,1/10W,DA,TP,201	
R6039	2007-000030	R-CHIP	560OHM,5%,1/10W,DA,TP,201	
R6040	2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,20	
R6041	2007-001071	R-CHIP	6.8KOHM,5%,1/10W,DA,TP,20	
R6042	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,20	
R6043	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,20	
R6044	2007-001024	R-CHIP	560KOHM,5%,1/10W,DA,TP,20	
R6045	2007-001024	R-CHIP	560KOHM,5%,1/10W,DA,TP,20	
R6046	2007-001001	R-CHIP	510OHM,5%,1/10W,DA,TP,201	
R6047	2007-001001	R-CHIP	510OHM,5%,1/10W,DA,TP,201	
R6048	2001-001105	R-CARBON(S)	200HM,5%,1/2W,AA,TP,2.4X6	
R6049	2007-000881	R-CHIP	4.70HM,5%,1/10W,DA,TP,201	
R6050	2007-000881	R-CHIP	4.70HM,5%,1/10W,DA,TP,201	
R6051	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
R6052	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
R6053	2007-000355	R-CHIP	12KOHM,5%,1/10W,DA,TP,201	
R6054	2007-000355	R-CHIP	12KOHM,5%,1/10W,DA,TP,201	
R6055	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R6056	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
T6001	AA26-10004E	TRANS-IF	-,7MG,VIF,-,7MM,-,116.7MH	
X6001	2801-003316	CRYSTAL-UNIT	24.576MHZ,30PPM,28-AAM,20	
Z6001	2904-001010	FILTER-SAW AV	32.9-33.4MHZ,SIP5P,ST,14.	
Z6002	2904-001054	FILTER-SAW AV	38.9MHZ,SIP5P,-,13.906.NT	

ASSY-PCB,SECAM

*	AA95-90017S	ASSY-PCB,SECAM	-,-;SCT18B,CS,CK,-,-	
C217	2202-000173	C-CERAMIC,MLC-AXIAL	1NF,10%,50V,Y5P,TP,1.9X3.	
C218	2202-000173	C-CERAMIC,MLC-AXIAL	1NF,10%,50V,Y5P,TP,1.9X3.	
C220	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
C241	2305-000865	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C242	2305-000288	C-FILM,MPEF	220NF,5%,50V,TP,7.3X4.8X5	
C243	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
C244	2305-000865	C-FILM,MPEF	100NF,5%,63V,TP,7.5X4.0X5	
C245	2202-000109	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5P,TP,	
CN202	3711-002707	CONNECTOR-HEADER	NOWALL,9P,1R,2.5MM,ANGLE,	
DZ202	0403-000296	DIODE-ZENER	MTZ5.6B,5.6V,5.45-5.73V,5	
IC202	1209-000214	IC-DELAY LINE	TDA4665,DIP,16P,300MIL,PL	
IC203	1204-000524	IC-DECODER	TDA8395P/N1,DIP,16P,-,PLA	
L201	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
R233	2001-001077	R-CARBON(S)	150OHM,5%,1/2W,AA,TP,2.4X	

ASSY-PCB,POWER S/W

*	AA95-90018P	ASSY-PCB,POWER S/W	-,CS722ANT,SCT55A,PAL,-,-	
D801M	1405-000152	VARISTOR	580V,2500A,14X8.5MM,TP	
RP01	2001-001114	R-CARBON(S)	2700HM,5%,1/2W,AA,TP,2.4X	
RP02	2001-001114	R-CARBON(S)	2700HM,5%,1/2W,AA,TP,2.4X	
R801M	2002-000328	R-COMPOSITION	3.3MOHM,10%,1/2W,AA,TP,3.	
SWP02	3403-000179	SWITCH-PUSH	250V,5A,DPST,-,JPW-21048	
F802M	3801-000279	FUSE-FERRULE	250V,4A,SLOW BLOW,GLASS,5	
FB02M	3602-000114	FUSE-HOLDER	-,-,30MOHM	
FB02M	3602-000114	FUSE-HOLDER	-,-,30MOHM	
PSHHM	AA39-20010F	LEAD-CONNECTOR,ASS\	-,YFHB00-01,S,1P,700,1617	
CNP12	AA39-20052A	LEAD-CONNECTOR,ASS\	-,YBNH025-04,YSH025-04,4P	
F803M	AA39-20176A	LEAD CONNECTOR-ASS\	-,YFHB00-03,S,3(2)P,200,1	

Loc	Part-No	Description	Specification	Remarks
EYELE	AA60-40011A	EYELET	ID2.0,OD2.8,-,-,BST,-	EL01-04
PIN-G	AA60-40014A	PIN-GT,ASSY	1P,-,-,AUTO	ALL
H-PCB	AA61-20208A	HOLDER-PCB,SUB	-,2955,HIPS,HB,BLK,-	
DP02	AA96-30003A	ASSY-LED,GUIDE	-,AA61-50106A,DL-G8RGA,RE	

ASSY-PCB PIP

*	AA95-90018Q	ASSY-PCB PIP	-,CS722ANT,SCT55A,PAL,-,-	
CASE	AA63-40037A	SHIELD-CASE	-,SPTE,T0.5,SCT12A,-	
CNP01	3711-002710	CONNECTOR-HEADER	NOWALL,15P,1R,2.5MM,ANGLE	
CNP02	3711-002710	CONNECTOR-HEADER	NOWALL,15P,1R,2.5MM,ANGLE	
CP101	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP102	2401-000914	C-AL	22UF,20%,16V,-,TP,5X11.5M	
CP103	2203-000429	C-CERAMIC,CHIP	18PF,5%,50V,NP0,TP,2012,-	
CP104	2203-000192	C-CERAMIC,CHIP	100NF,+80-20%,50V,Y5V,TP,	
CP105	2203-000717	C-CERAMIC,CHIP	3.3NF,10%,50V,X7R,TP,3216	
CP106	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP107	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP108	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP109	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CP110	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP111	2203-002232	C-CERAMIC,CHIP	3.3NF,20%,50V,X7R,TP,2012	
CP112	2401-000660	C-AL	2.2UF,20%,50V,GP,TP,5X11M	
CP114	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP115	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP116	2203-000753	C-CERAMIC,CHIP	330NF,+80-20%,50V,Y5V,TP,	
CP117	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
CP120	2203-000578	C-CERAMIC,CHIP	220NF,20%,50V,Y5V,TP,3216	
CP121	2401-000660	C-AL	2.2UF,20%,50V,GP,TP,5X11M	
CP125	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
CP126	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CP127	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP129	2203-000258	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012,	
CP130	2203-000239	C-CERAMIC,CHIP	100PF,5%,50V,NP0,TP,2012,	
CP132	2203-000239	C-CERAMIC,CHIP	100PF,5%,50V,NP0,TP,2012,	
CP133	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP134	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CP135	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
CP136	2203-000578	C-CERAMIC,CHIP	220NF,20%,50V,Y5V,TP,3216	
CP137	2203-000937	C-CERAMIC,CHIP	470PF,5%,50V,NP0,8K,2012,	
CP142	2401-000199	C-AL	1000UF,20%,6.3V,GP,TP,10X	
CP143	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
CP144	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP145	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP201	2203-000325	C-CERAMIC,CHIP	12NF,10%,50V,X7R,TP,3216,	
CP203	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
CP204	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP205	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CP206	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP207	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CP208	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP209	2401-000587	C-AL	1UF,20%,50V,8P,TP,5X11,5M	
CP210	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CP211	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11MM,	
CP213	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11MM,	
CP214	2203-000578	C-CERAMIC,CHIP	220NF,20%,50V,Y5V,TP,3216	
CP215	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11MM,	
CP216	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP217	2203-000578	C-CERAMIC,CHIP	220NF,20%,50V,Y5V,TP,3216	
CP218	2203-001668	C-CERAMIC,CHIP	56NF,20%,50V,X7R,TP,2012,	
CP219	2203-000492	C-CERAMIC,CHIP	2.2NF,10%,50V,X7R,TP,2012	
CP220	2203-000578	C-CERAMIC,CHIP	220NF,20%,50V,Y5V,TP,3216	

Loc	Part-No	Description	Specification	Remarks
CP221	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP301	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CP302	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP303	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CP304	2203-000219	C-CERAMIC,CHIP	100NF,20%,50V,Y5V,TP,3216	
CP305	2203-000379	C-CERAMIC,CHIP	15PF,10%,50V,NP0,TP,2012.	
CP306	2203-000379	C-CERAMIC,CHIP	15PF,10%,50V,NP0,TP,2012.	
DP101	0401-000160	DIODE-SWITCHING	1SS314,30V,100MA,150MW,-,	
DP104	0401-000005	DIODE-SWITCHING	1N4148,75V,300MA,DO-35,TP	
DP105	0401-000160	DIODE-SWITCHING	1SS314,30V,100MA,150MW,-,	
DP201	0403-000662	DIODE-ZENER	MTZ3.0B,3.0V,3.01-3.22V,5	
ICP10	1204-000530	IC-PAL/NTSC DECODEF	TDA9180A,DIP,32P,400MIL,P	
ICP10	1204-000835	IC-PICTURE PROCESS	SDA9188X,SOP,32P,350MIL,P	
ICP20	1002-000208	IC-A/D CONVERTER	SDA9187-2X,6BIT,SOP,28P,3	
LP102	2701-000219	INDUCTOR-AXIAL	820NH,10%,2.5X3.4MM	
LP103	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
LP104	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
LP105	2701-000114	INDUCTOR-AXIAL	10UH,10%,2.5X3.4MM	
LP201	2701-000197	INDUCTOR-AXIAL	5.6UH,10%,2.5X3.4MM	
LP301	2701-000197	INDUCTOR-AXIAL	5.6UH,10%,2.5X3.4MM	
QP101	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP102	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP103	0501-000280	TR-SMALL SIGNAL	KSA1182,PNP,150MW,SOT-23,	
QP105	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP201	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP202	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP203	0501-000280	TR-SMALL SIGNAL	KSA1182,PNP,150MW,SOT-23,	
QP204	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP205	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP206	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP302	0501-000340	TR-SMALL SIGNAL	KSC1623,NPN,200MW,SOT-23,	
QP303	0501-000280	TR-SMALL SIGNAL	KSA1182,PNP,150MW,SOT-23,	
QP304	0501-000280	TR-SMALL SIGNAL	KSA1182,PNP,150MW,SOT-23,	
QP305	0501-000280	TR-SMALL SIGNAL	KSA1182,PNP,150MW,SOT-23,	
RP101	2007-001208	R-CHIP	82KOHM,5%,1/10W,DA,TP,201	
RP103	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,201	
RP104	2007-000844	R-CHIP	3KOHM,5%,1/10W,DA,TP,2012	
RP105	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
RP106	2007-000774	R-CHIP	33KOHM,5%,1/10W,DA,TP,201	
RP107	2007-000409	R-CHIP	15KOHM,5%,1/10W,DA,TP,201	
RP108	2007-000493	R-CHIP	2.2KOHM,5%,1/10W,DA,TP,20	
RP109	2007-000830	R-CHIP	39KOHM,5%,1/10W,DA,TP,201	
RP110	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
RP111	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,20	
RP112	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,201	
RP113	2007-000774	R-CHIP	33KOHM,5%,1/10W,DA,TP,201	
RP114	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,201	
RP115	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,201	
RP116	2007-000493	R-CHIP	2.2KOHM,5%,1/10W,DA,TP,20	
RP119	2007-000285	R-CHIP	100KOHM,5%,1/8W,DA,TP,321	
RP122	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
RP123	2007-000586	R-CHIP	22KOHM,5%,1/10W,DA,TP,201	
RP124	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,201	
RP125	2007-000586	R-CHIP	22KOHM,5%,1/10W,DA,TP,201	
RP127	2007-000030	R-CHIP	560OHM,5%,1/10W,DA,TP,201	
RP131	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
RP132	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
RP133	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,20	
RP134	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,20	
RP135	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
RP137	2007-001039	R-CHIP	56KOHM,5%,1/10W,DA,TP,201	
RP138	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
RP139	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	

Loc	Part-No	Description	Specification	Remarks
RP140	2007-000738	R-CHIP	30KOHM,5%,1/10W,DA,TP,201	
RP143	2007-001039	R-CHIP	56KOHM,5%,1/10W,DA,TP,201	
RP201	2007-001039	R-CHIP	56KOHM,5%,1/10W,DA,TP,201	
RP202	2007-000401	R-CHIP	1500HM,5%,1/10W,DA,TP,201	
RP203	2007-000703	R-CHIP	3.6KOHM,5%,1/10W,DA,TP,20	
RP204	2007-000593	R-CHIP	220HM,5%,1/10W,DA,TP,2012	
RP205	2007-000477	R-CHIP	1MOHM,5%,1/10W,DA,TP,2012	
RP206	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,201	
RP207	2007-001009	R-CHIP	51KOHM,5%,1/10W,DA,TP,201	
RP208	2007-000774	R-CHIP	33KOHM,5%,1/10W,DA,TP,201	
RP209	2007-000401	R-CHIP	1500HM,5%,1/10W,DA,TP,201	
RP210	2007-000221	R-CHIP	1.2KOHM,5%,1/10W,DA,TP,20	
RP211	2007-001001	R-CHIP	510OHM,5%,1/10W,DA,TP,201	
RP212	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,201	
RP213	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,20	
RP215	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,20	
RP216	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,20	
RP217	2007-000409	R-CHIP	15KOHM,5%,1/10W,DA,TP,201	
RP301	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,201	
RP303	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
RP304	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,201	
RP307	2007-000642	R-CHIP	2700HM,5%,1/10W,DA,TP,201	
RP308	2007-000401	R-CHIP	1500HM,5%,1/10W,DA,TP,201	
RP309	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,201	
RP310	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,201	
RP311	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,201	
RP312	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,201	
RP313	2007-000210	R-CHIP	1.1KOHM,5%,1/10W,DA,TP,20	
RP314	2007-000210	R-CHIP	1.1KOHM,5%,1/10W,DA,TP,20	
RP315	2007-000210	R-CHIP	1.1KOHM,5%,1/10W,DA,TP,20	
RP316	2001-001148	R-CARBON(S)	4.70HM,5%,1/2W,AA,TP,2.4X	
RP317	2001-001148	R-CARBON(S)	4.70HM,5%,1/2W,AA,TP,2.4X	
XP101	2801-000235	CRYSTAL-UNIT	3.579545MHZ,40PPM,28-AAM,	
XP102	2801-000276	CRYSTAL-UNIT	4.433619MHZ,40PPM,28-AAM,	
XP301	2802-000121	RESONATOR-CERAMIC	20.48MHZ,0.5%,TP,10.0X5.0	

ASSY-PCB SNAPIN

*	AA95-90018R	ASSY-PCB SNAPIN	-,-,SCT55A,MULTI,100-260V	
RC02	2001-000020	R-CARBON(S)	220HM,5%,1/2W,AA,TP,2.4X6	
RC05	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
RC08	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
RC07	2001-000449	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8	
RC03	2001-001099	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4	
RC04	2001-001099	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4	
RC01	2001-001108	R-CARBON(S)	22KOHM,5%,1/2W,AA,TP,2.4X	
RC06	2004-001193	R-METAL	6800HM,5%,1/8W,AA,TP,1.8X	
RC09	2004-001193	R-METAL	6800HM,5%,1/8W,AA,TP,1.8X	
CC01	2401-001495	C-AL	47UF,20%,16V,GP,TP,5X11MM	
SWC01	3404-000176	SWITCH-TACT	12V,50MA,90-150GF,6X6MM,S	
SWC02	3404-000176	SWITCH-TACT	12V,50MA,90-150GF,6X6MM,S	
SWC03	3404-000176	SWITCH-TACT	12V,50MA,90-150GF,6X6MM,S	
SWC04	3404-000176	SWITCH-TACT	12V,50MA,90-150GF,6X6MM,S	
SWC05	3404-000176	SWITCH-TACT	12V,50MA,90-150GF,6X6MM,S	
SWC06	3404-000176	SWITCH-TACT	12V,50MA,90-150GF,6X6MM,S	
SWC07	3404-000176	SWITCH-TACT	12V,50MA,90-150GF,6X6MM,S	
CNB12	AA39-20523A	LEAD CONNECTOR-ASS\	-,YBNH025-05.67096-005,5P	
HC01	AA59-60003N	MODULE-REMOCON	-,ORC-30V2,38KHZ,940NM,ME	

ASSY-DRAWER

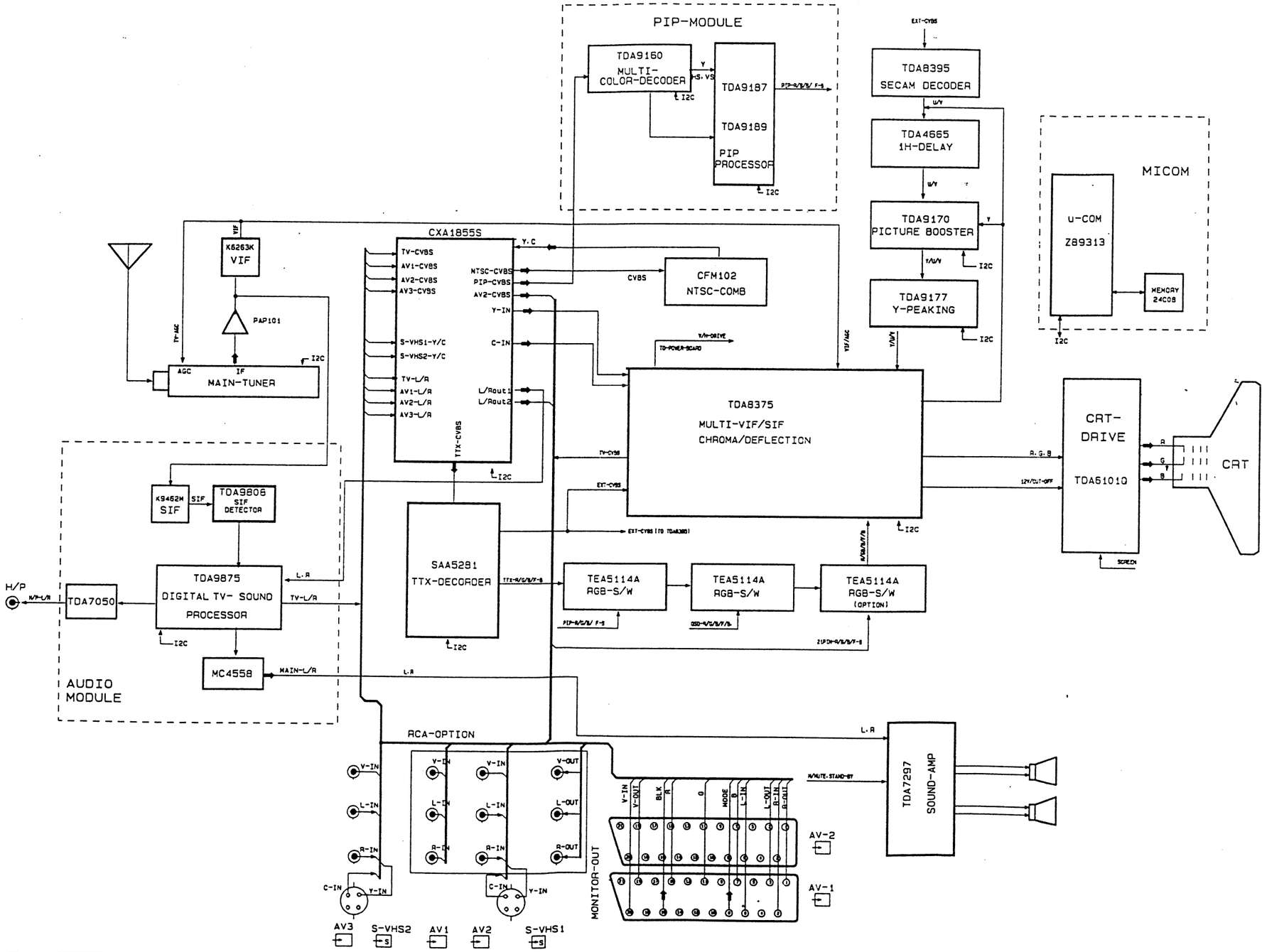
*	AA91-20053G	ASSY-DRAWER	-,-,C/SILVER,0-PJT(S6)	

Loc	Part-No	Description	Specification	Remarks
		ASSY-PCB,A/V SIDE		
*	AA95-90020P	ASSY-PCB,A/V SIDE	-,CS722AT,SCT55A,DONGU,22	
CA01	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,YSP,TP,3.5X	
CA02	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
CA03	2202-000263	C-CERAMIC,MLC-AXIAL	470PF,10%,50V,YSP,TP,3.5X	
CA04	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
CA05	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
CA06	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
CA07	2202-000121	C-CERAMIC,MLC-AXIAL	100PF,10%,50V,YSP,TP,1.9X	
CA08	2401-000302	C-AL	100UF,20%,25V,GP,TP,6.3X1	
CA09	2202-000121	C-CERAMIC,MLC-AXIAL	100PF,10%,50V,YSP,TP,1.9X	
CA10	2202-000121	C-CERAMIC,MLC-AXIAL	100PF,10%,50V,YSP,TP,1.9X	
CH01	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
CH02	2401-000269	C-AL	100UF,20%,16V,GP,TP,8X11.	
H-AV	AA61-20205D	HOLDER-AV,JACK	-,0 MODEL,HIPS,V0,L/GRAY.	
HEADPI	6002-000406	SCREW-TAPPING	RH,+,2,M3,L10,ZPC(YEL),SW	
IN-AV	AA64-60355W	INLAY-AV,JACK	0-MODEL,L/G SCT55A,PS,T0.	
JA01	3722-001043	JACK-RCA	1P,3.4MM,Ø16-22,AU	
JA02	3722-001042	JACK-RCA	1P,3.4MM,Ø16-22,AU	
JA03	3722-001041	JACK-RCA	1P,3.4MM,Ø16-22,AU	
JA04	3722-000544	JACK-VHS	12P,11.5MM,AG,BLK,N	
JK101	3722-001061	JACK-PHONE	1P,3.6MM,AG,BLK,N	
NA01	AA39-20112D	LEAD-CONNECTOR,ASS\	-,YBNH025-09,67096-009,9P	
NH01	AA39-20069A	LEAD-CONNECTOR,ASS\	-,YBNH025-05,67096-005,5P	
RA01	2001-000273	R-CARBON	100KOHM,5%,1/8W,AA,TP,1.8	
RA02	2001-000273	R-CARBON	100KOHM,5%,1/8W,AA,TP,1.8	
RA03	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
RA05	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
RA07	2004-001240	R-METAL	750HM,5%,1/8W,AA,TP,1.8X3	
RH01	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
RH02	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3	
RH03	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
RH04	2001-000302	R-CARBON	100HM,5%,1/8W,AA,TP,1.8X3	
		ASSY-POWER,CORD		
P-CORI	AA39-10006X	POWER-CORD	-,KKP419C,KLCE-2F,2.2BWT	
H-CORI	AA61-20050A	HOLDER-CORD	-,-,PP,V0,BLK,D0	
		REMOCON		
*	AA59-10093C	REMOCON	-,TM48,RM124EC,45,L/GRY,S	
		ASSY-HOLDER,SPK		
*	AA91-60251A	ASSY-HOLDER,SPK	-,PP,HB,B,8R 15W,722A	
		ASSY-TERMINAL,BOARD		
*	AA91-60054D	ASSY-TERMINAL,BOARI	-,-,-,-,21P W/O HP,PAL-V3	
TER/B	AA63-40254A	TERMINAL-BOARD,ANT	-,HIPS HB,BLK V2,V3,CS-62	
IN-BA	AA64-60395F	INLAY-BACK	622A,PV3 SCART,PS,T0.5,BL	
		ASSY-CABINET		
*	AA91-10310L	ASSY-CABINET,FRONT	-,CS722A,PA100 V-PLUS EL,	
CF+DE	6002-000406	SCREW-TAPPING	RH,+,2,M3,L10,ZPC(YEL),SW	
TER+H	6002-000406	SCREW-TAPPING	RH,+,2,M3,L10,ZPC(YEL),SW	
CS+TE	6002-000516	SCREW-TAPPING	RH,+,2,M4,L20,ZPC(BLK),SW	
CF+AV	6002-000516	SCREW-TAPPING	RH,+,2,M4,L20,ZPC(BLK),SW	

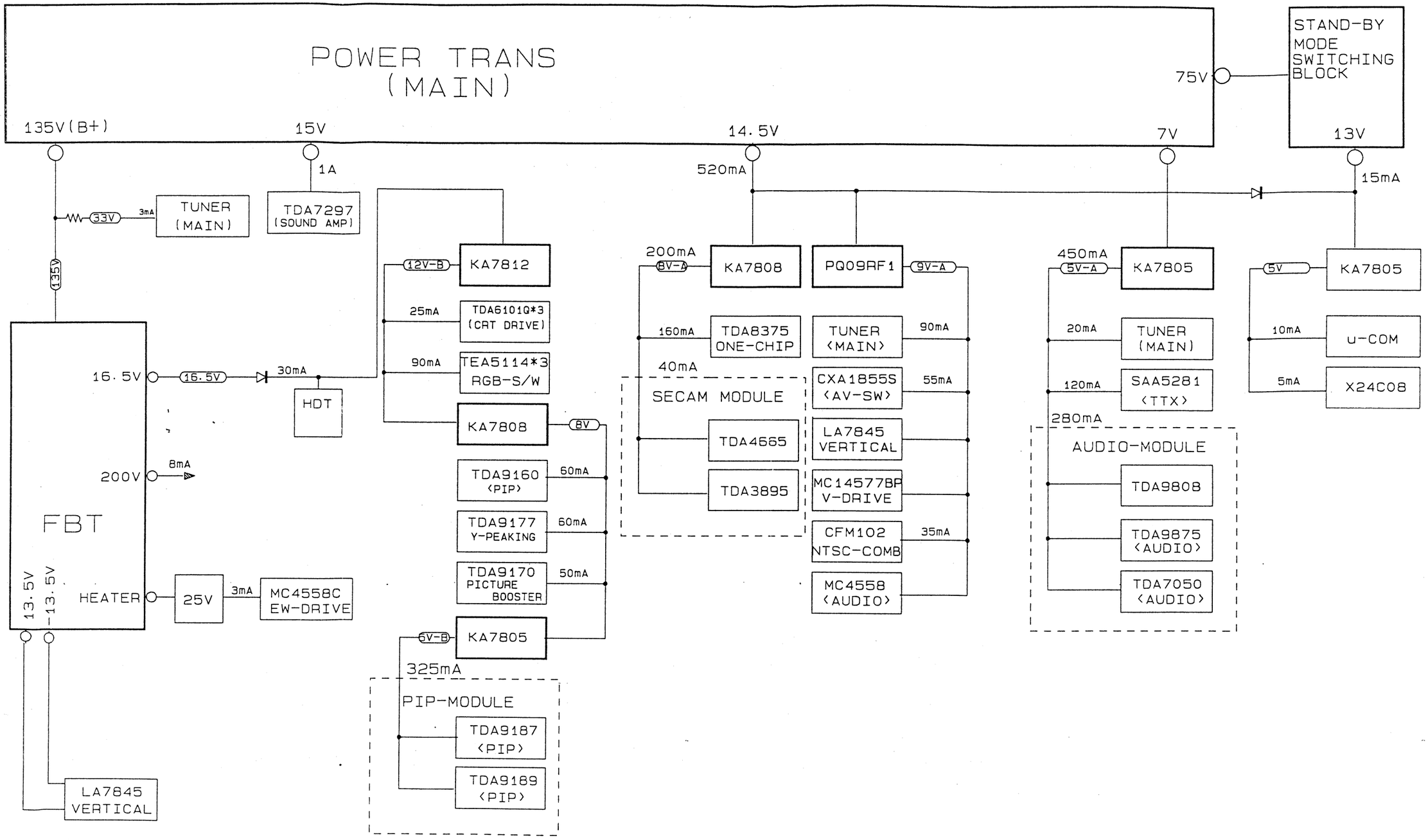
Loc	Part-No	Description	Specification	Remarks
CF+CB	6002-000516	SCREW-TAPPING	RH,+,2,M4,L20,ZPC(BLK),SW	
TER+H	6002-000516	SCREW-TAPPING	RH,+,2,M4,L20,ZPC(BLK),SW	
HS+CF	AA60-10050A	SCREW-ASSY	WP,RH,+,M4,L25,SWRCH18A,-	
CF+CR	AA60-10050D	SCREW-ASSY	WC,HH,+,M5,L33,SWRCH18,ZP	
H-CHA	AA61-20207A	HOLDER-CHASSIS	-,2955,ABS,V0,GRY,GRY	
BOSS	AA61-40017B	BOSS-A	-,HIPS,HB,NTR,-,-	
SPA	AA61-40030A	SUPPORT-CRT	W3220,HIPS,HB,NTR,-,-,-	
SPA	AA63-60001Q	SPACER-FELT	FELT,T0.35,BLK,150X8,-,-	
SPA	AA63-60002Y	SPACER-FELT	FELT,T0.5,BLK,330X20,-,-	
SPA	AA63-60004G	SPACER-GUM,CRT	NTR RUBBER,T3.0,GRY,-,-,-	
FRONT	AA64-30988H	CABINET-FRONT	-,CS722A,PA100 V-PLUS,HIP	
BACK	AA64-30990C	CABINET-BACK	-,722A,-,HIPS,V2,BLK,-,-	
INSLEI	AA64-40361A	INDICATOR-LED	-,ABS,HB,-,LGTR558-02398,	
WIN-L	AA64-40363A	WINDOW-LEFT	-,ABS,HB,-,PUPPLE,-,2956	
WIN-R	AA64-40364B	WINDOW-RIGHT	-,7256,NO-SILK,ABS,HB,PUP	
BADGE	AA64-70011B	BADGE-BRAND	AL,SS R2000 25,SILVER,L60	
D-COI	AA65-30004A	CLAMP-D,COIL	NYLON-66,V0,WHT,25,29INCH	
		DECORATION-ASSY		
*	AA64-40433B	DECORATION-ASSY	-,722A,C/SILVER,HIPS,V0,L	
SPRIN	AA61-60005K	SPRING-CS	-,SUS304,0.6,0012.2,H13,N	
K-POW	AA64-10561E	KNOB-POWER	-,CS722A,C/SILVER,ABS,HB,	
DECOR	AA64-40414B	DECORATION-FRONT	-,722A,C/SILVER,HIPS,V0,L	

9. Block Diagrams

9-1 MAIN

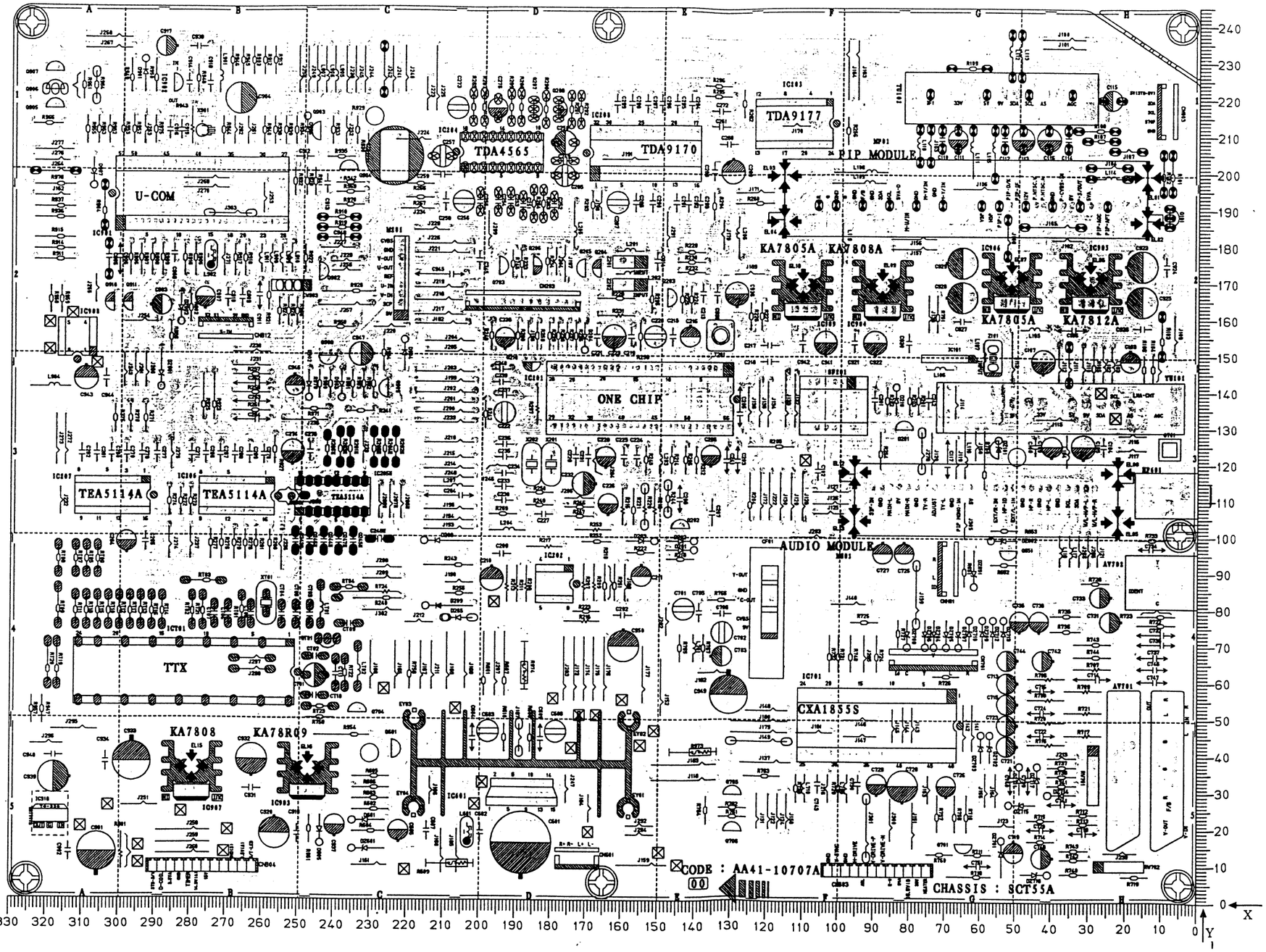


9-2 POWER


POWER TRANS
(MAIN)
135V(B+)
15V
1A
14.5V
520mA
7V
75V
STAND-BY
MODE
SWITCHING
BLOCK
13V
15mA
33V
3mA
TUNER
(MAIN)
TDA7297
(SOUND AMP)
135V
12V-B
KA7812
25mA
TDA6101Q*3
(CRT DRIVE)
90mA
TEA5114*3
RGB-S/W
KA7808
8V
TDA9160
(PIP)
60mA
TDA9177
Y-PEAKING
60mA
TDA9170
PICTURE
BOOSTER
50mA
5V-B
KA7805
325mA
PIP-MODULE
TDA9187
(PIP)
TDA9189
(PIP)
16.5V
16.5V
30mA
HDT
200V
8mA
FBT
13.5V
-13.5V
HEATER
25V
3mA
MC4558C
EW-DRIVE
LA7845
VERTICAL
200mA
8V-A
KA7808
PQ09RF1
9V-A
160mA
TDA8375
ONE-CHIP
40mA
SECAM MODULE
TDA4665
TDA3895
TUNER
(MAIN)
90mA
CXA1855S
(AV-SW)
55mA
LA7845
VERTICAL
MC14577BP
V-DRIVE
CFM102
NTSC-COMB
35mA
MC4558
(AUDIO)
450mA
5V-A
KA7805
20mA
TUNER
(MAIN)
120mA
SAA5281
(TTX)
280mA
AUDIO-MODULE
TDA9808
TDA9875
(AUDIO)
TDA7050
(AUDIO)
5V
KA7805
10mA
u-COM
5mA
X24C08

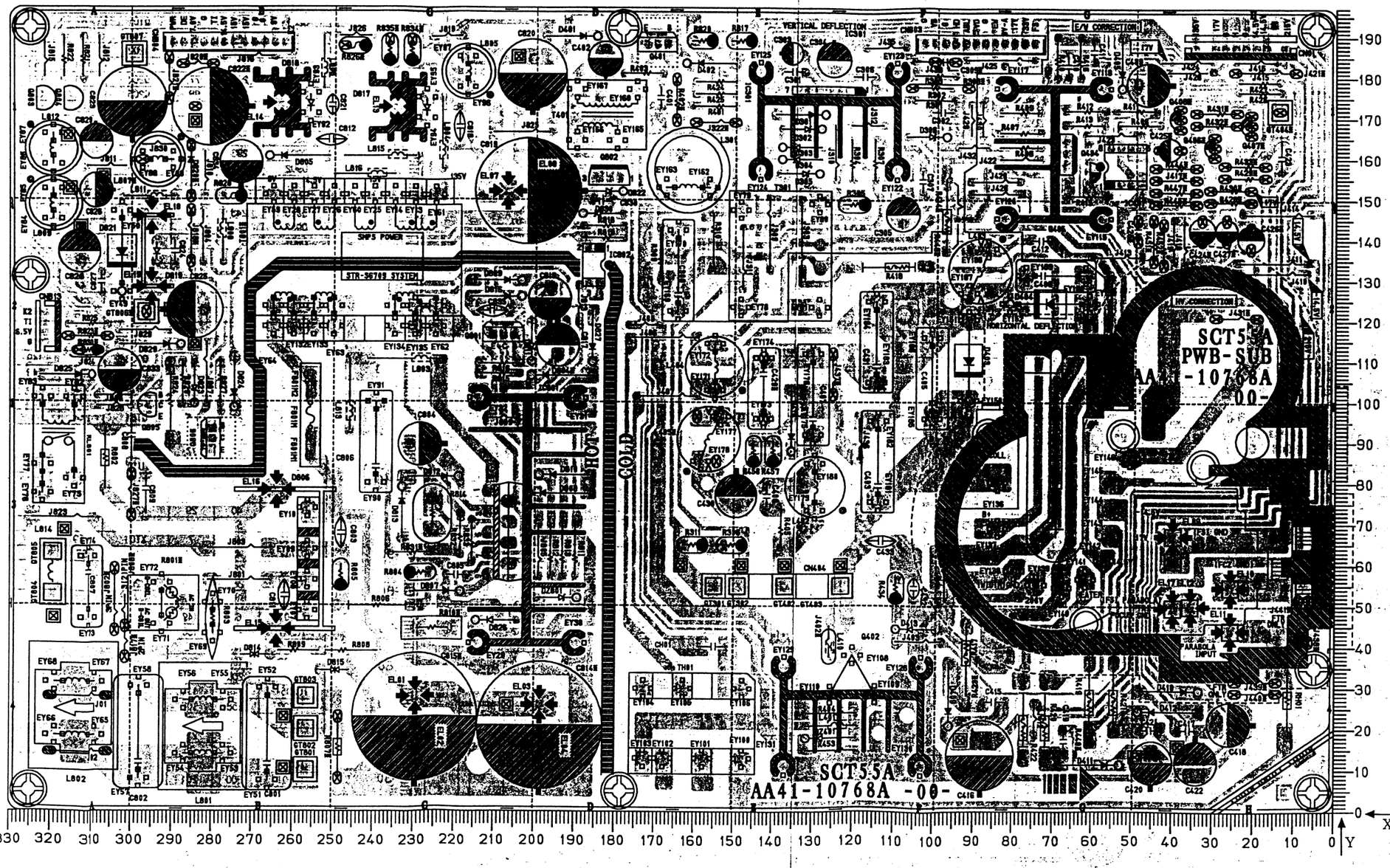
10. PCB Layout Diagram

10-1 PWB-MAIN



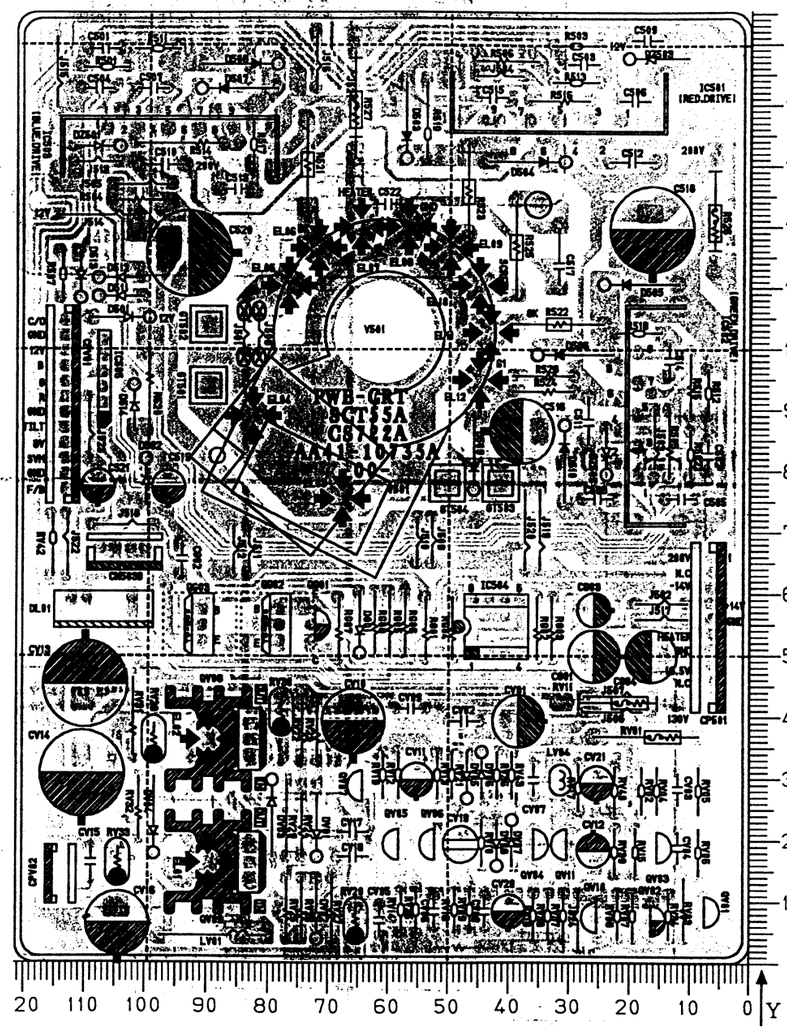
LOC No.	X	Y	LOC No.	X	Y
DIODE			*TRANSISTORS*		
D201	140	96	Q101	8	186
D202	140	98	Q201	79	129
D203	151	98	Q202	141	102
D204	171	151	Q203	148	163
D205	209	77	Q204	166	176
D208	215	98	Q205	171	176
D209	215	80	Q206	185	172
D210	84	141	Q207	186	214
D601	234	21	Q208	179	214
D901	293	230	Q210	188	148
D902	247	138	Q601	224	38
D903	238	138	Q651	54	96
D904	221	154	Q701	67	16
D905	243	15	Q703	195	172
D906	248	215	Q704	231	51
D907	307	196	Q705	126	29
DZ101	55	127	Q706	126	19
DZ601	234	14	Q902	244	170
DZ602	57	99	Q903	244	213
DZ651	62	86	Q904	234	200
DZ701	53	17	Q905	316	217
DZ702	57	45	Q906	316	222
DZ703	59	45	Q907	316	227
DZ704	73	69	Q908	244	149
DZ705	69	69	Q909	225	143
DZ706	75	69	Q910	302	166
DZ707	66	69	Q911	297	166
DZ708	80	69	QT01	244	71
DZ709	59	77	*OTHERS*		
DZ710	63	77	T201	133	155
DZ711	48	37	TU101	11	137
DZ712	56	77	TU102	35	221
DZ713	53	77	X201	180	122
DZ714	40	29	X202	185	122
DZ715	51	26	X901	277	209
DZ716	40	7	XT01	259	78
DZ717	43	37	Z101	57	147
DZ901	288	140	Z201	156	175
DZ902	283	158	Z202	156	169
I. C					
IC101	63	149			
IC201	131	130			
IC202	175	82			
IC203	103	208			
IC204	205	209			
IC205*	249	114			
IC206	258	106			
IC207	293	106			
IC208	168	211			
IC601	157	25			
IC701	68	40			
IC901	300	201			
IC902	285	221			
IC904	88	169			
IC905	30	171			
IC906	51	171			
IC907	279	35			
IC908	316	150			
IC909	110	169			
IC910	316	22			

10-2 PWB-SUB



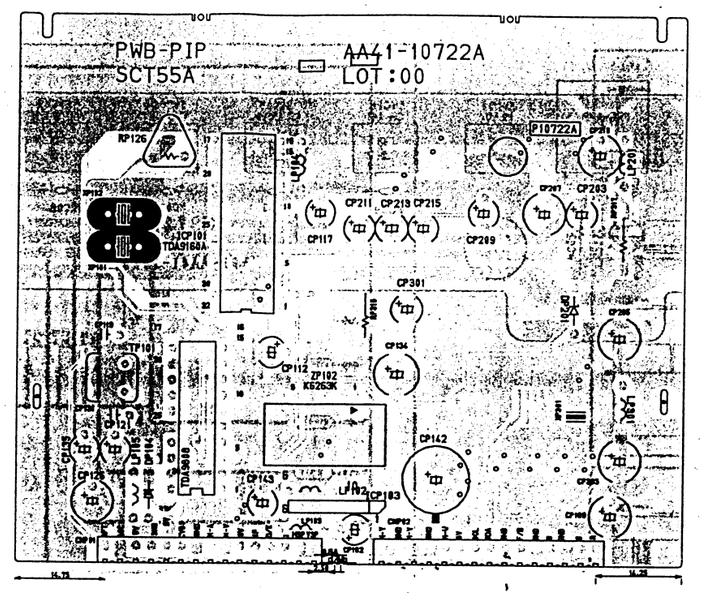
DIODES			0406*	30	165
D301	127	171	0407*	21	171
D302	128	167	0408*	38	172
D303	136	163	Q601	205	117
D304	136	160	Q602	179	155
D305	128	156	Q603	322	172
D306	97	165	Q604	315	172
D401	185	190	Q605	295	101
D402	162	183	Q606	280	93
D403	91	100	OTHERS		
D404	81	124	RH01	11	20
D405	53	177	RL801	322	77
D409	98	21	T301	148	123
D410	33	29	T401	180	164
D411	53	11	T801*	265	151
D412	48	24	TH01	147	13
D413	109	44			
D415	135	86			
D604*	201	106			
D605	266	160			
D606	264	78			
D607	218	53			
D608	201	77			
D609	203	130			
D610	199	82			
D611	201	110			
D612	219	81			
D613	233	79			
D614	273	36			
D615	253	34			
D616	203	126			
D617	234	172			
D618	263	173			
D619	294	134			
D620*	285	163			
D621	302	127			
D622	178	152			
D623	284	99			
D624	274	98			
D625	310	106			
D626	214	46			
D627	186	110			
D629	288	114			
D630	186	146			
DZ401	131	18			
DZ801	189	52			
I.C					
IC301	143	181			
IC401	56	163			
IC801	214	41			
IC802	184	129			
TRANSISTORS					
Q401	167	186			
Q402	137	35			
Q404	61	154			
Q405	56	177			

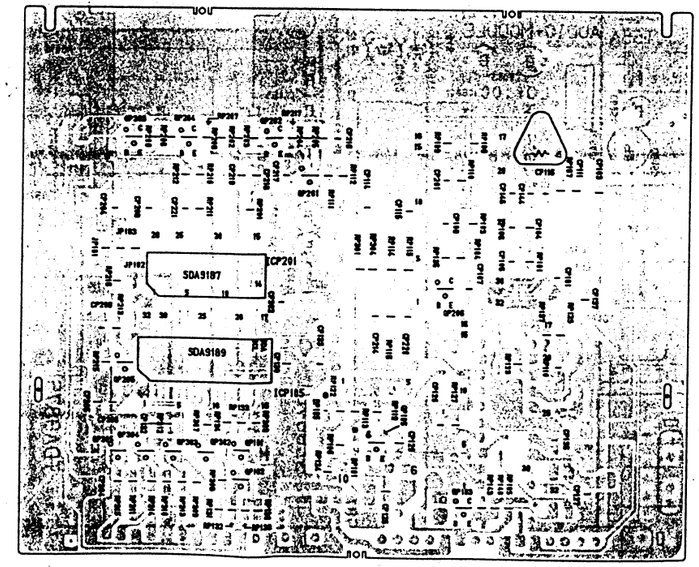
10-3 PWB-CRT



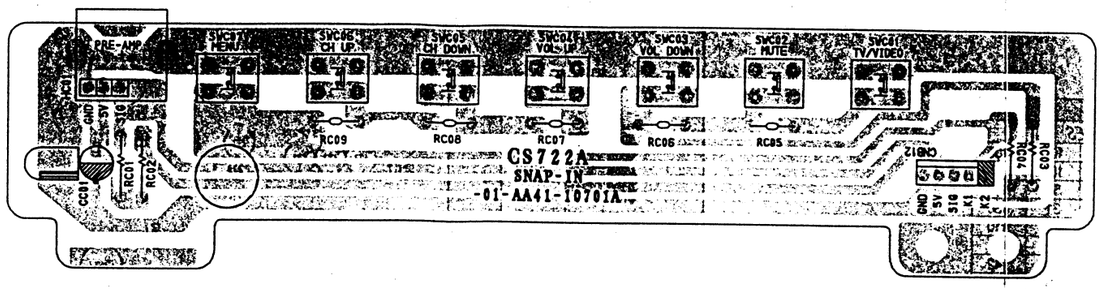
LOC No.	X	Y
DIODES		
D501	100	105
D502	100	82
D503	57	131
D504	31	130
D505	24	110
D506	35	99
D507	91	142
D508	79	146
D509	46	77
D510	31	87
D511	108	108
D512	108	111
D513	111	108
D514	102	94
DG01	65	50
DL01	102	59
DV01	72	17
DV02	72	4
DV03	79	30
DV04	99	18
DV05	47	27
DV06	44	34
DV07	39	23
DV08	42	16
DZ501	105	133
DZ503	20	147
DZ505	24	79
I C		
IC501	24	134
IC502	21	81
IC503	104	138
IC504	46	59
IC505	107	88
TRANSISTORS		
QG01	72	52
QG02	78	57
QG03	91	57
QV01	7	6
QV02	16	4
QV03	15	16
QV04	36	17
QV05	58	22
QV06	52	22
QV07	64	31
QV08	90	36
QV09	90	16
QV10	25	10
QV11	30	22

10-4 PWB-PIP

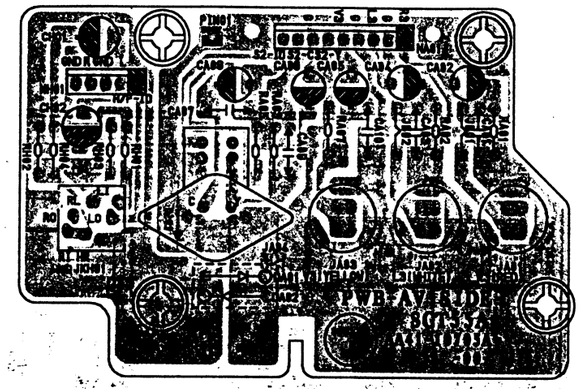




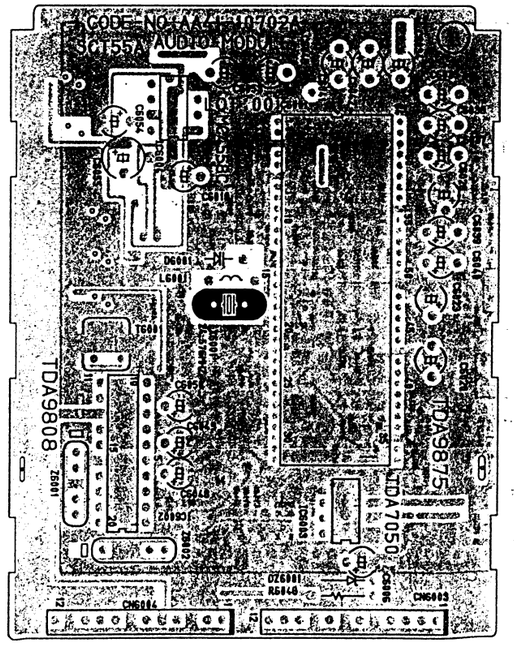
10-5 SNAP-IN

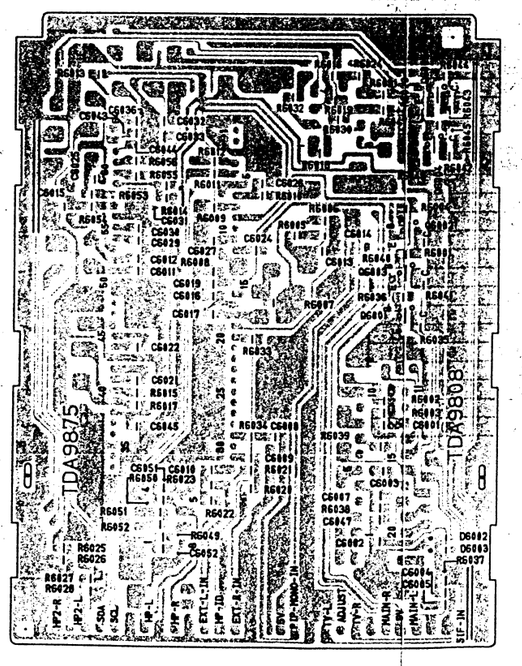


10-6 PWB A/V SIDE

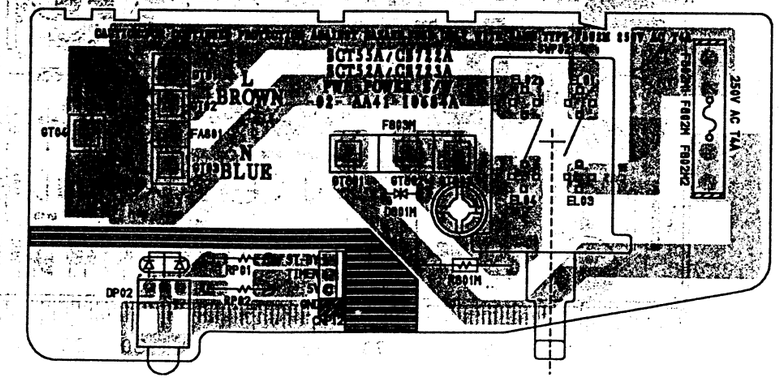


10-7 AUDIO-MODULE

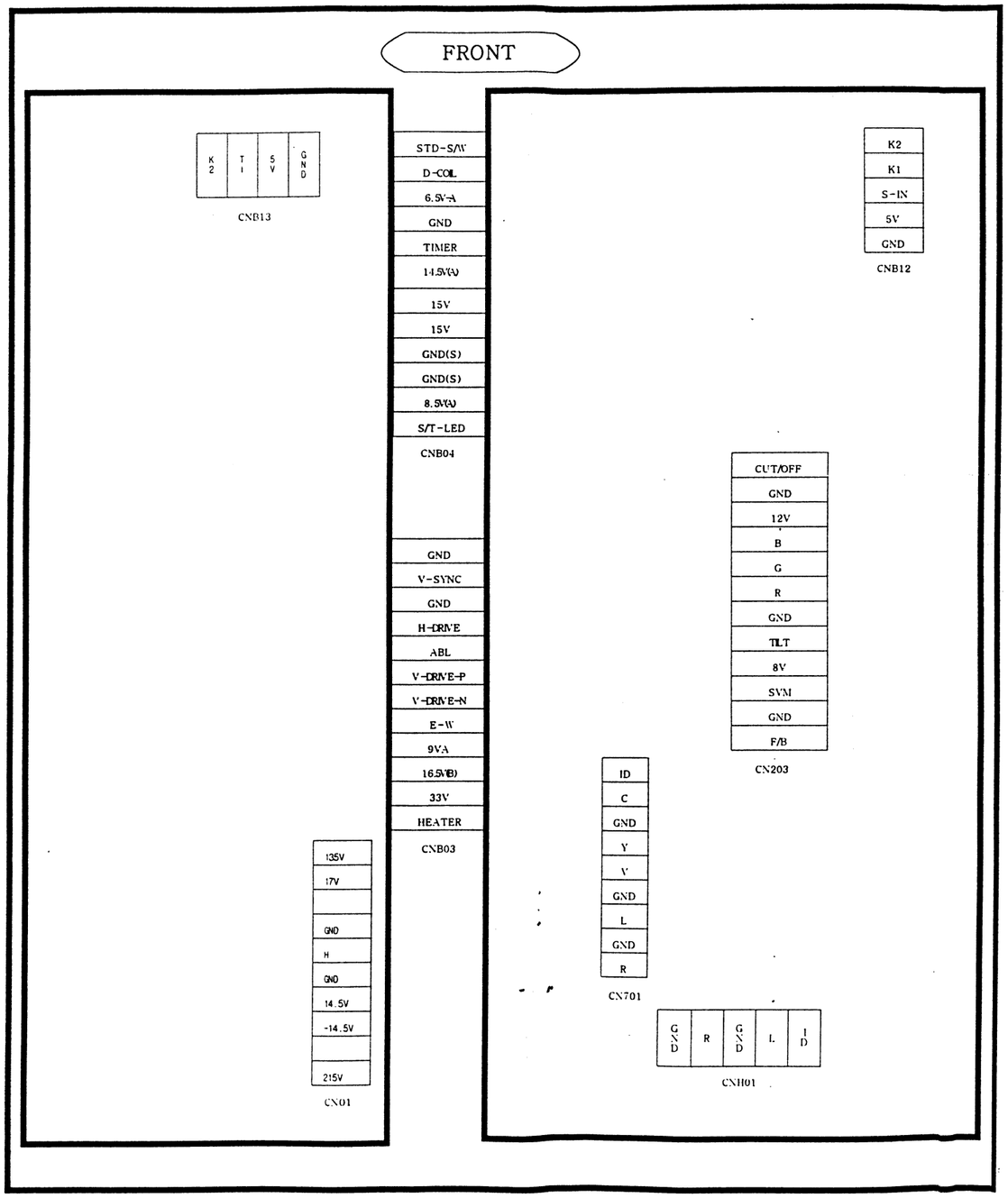




10-8 PWB-POWER-S/W

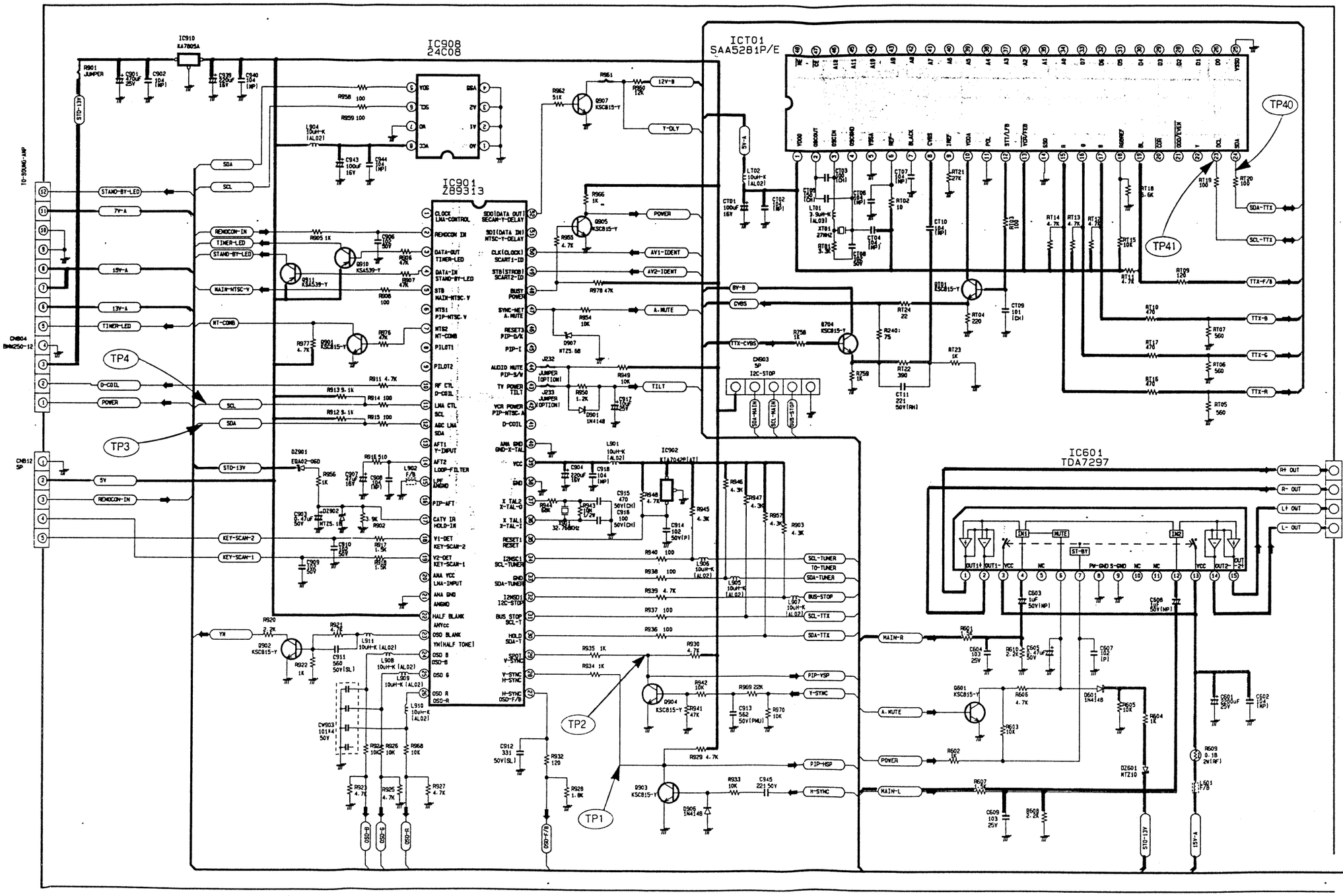


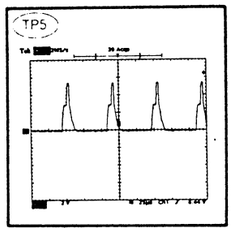
11. Wiring Diagram

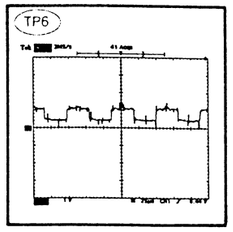


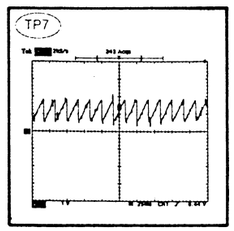
12. Schematic Diagrams

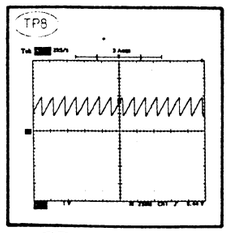
12-1 MAIN 1/4

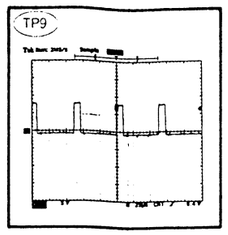


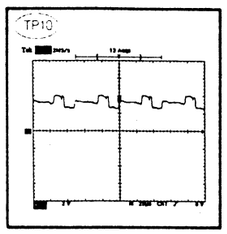


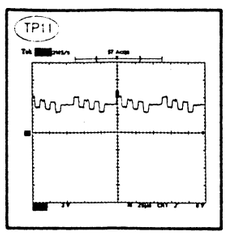


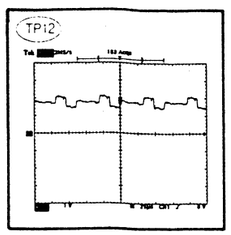


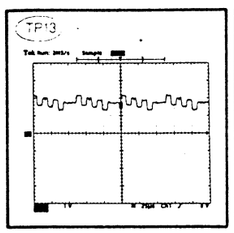


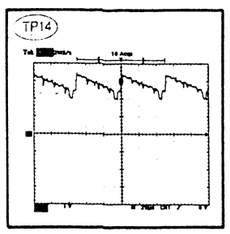


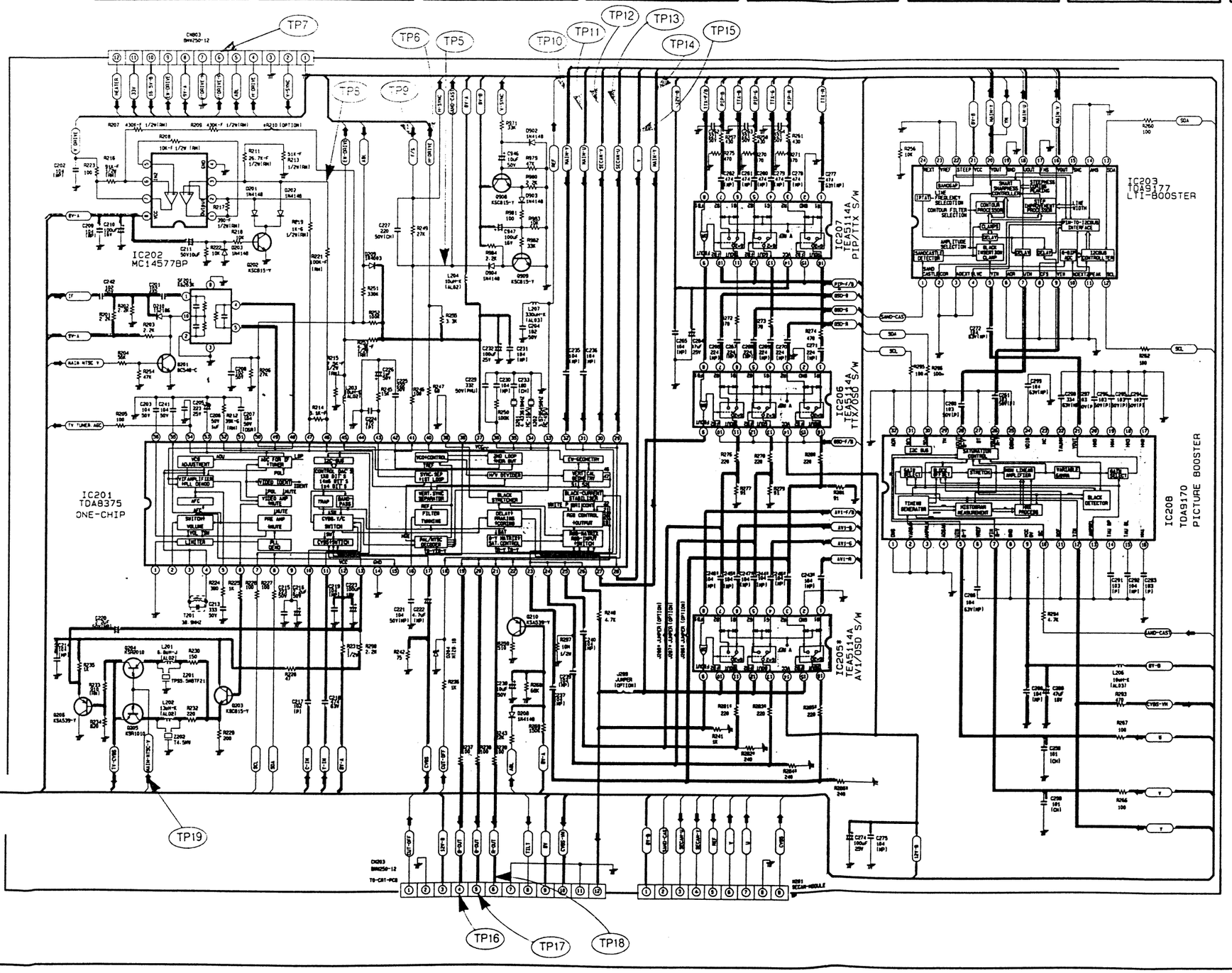


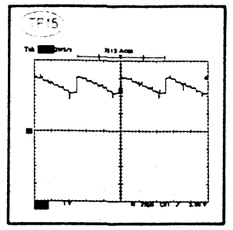


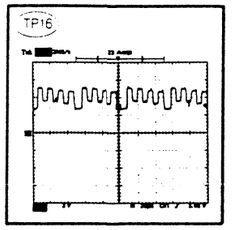


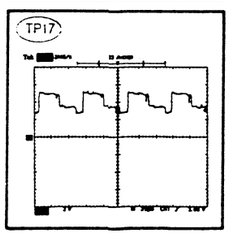


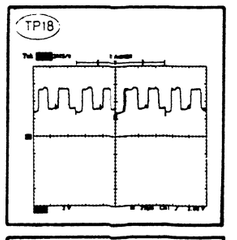


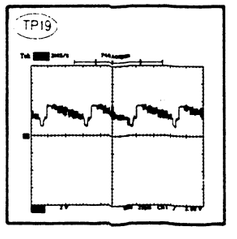




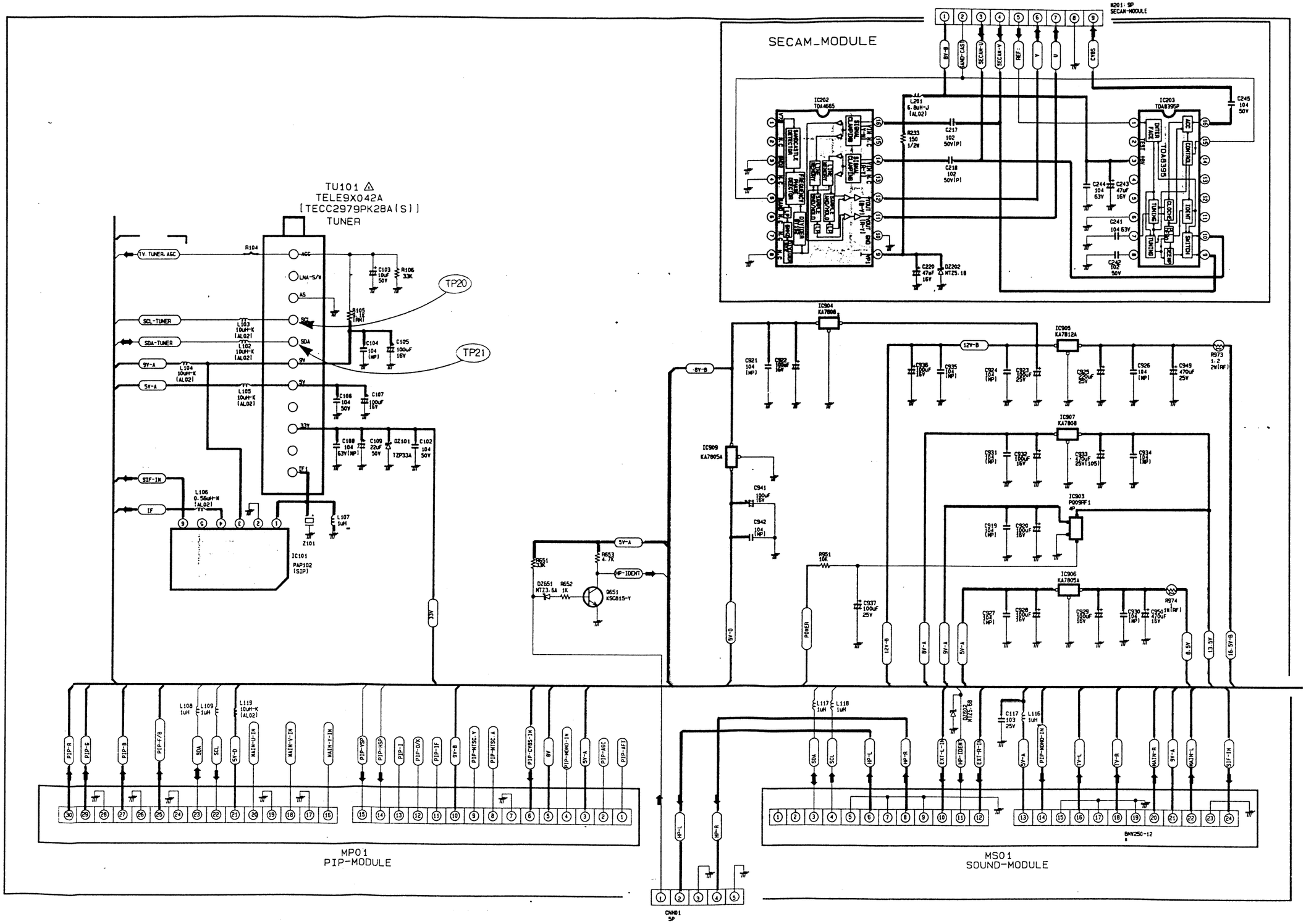


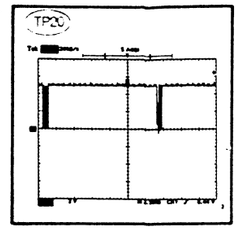


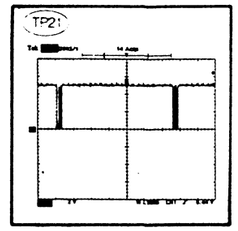


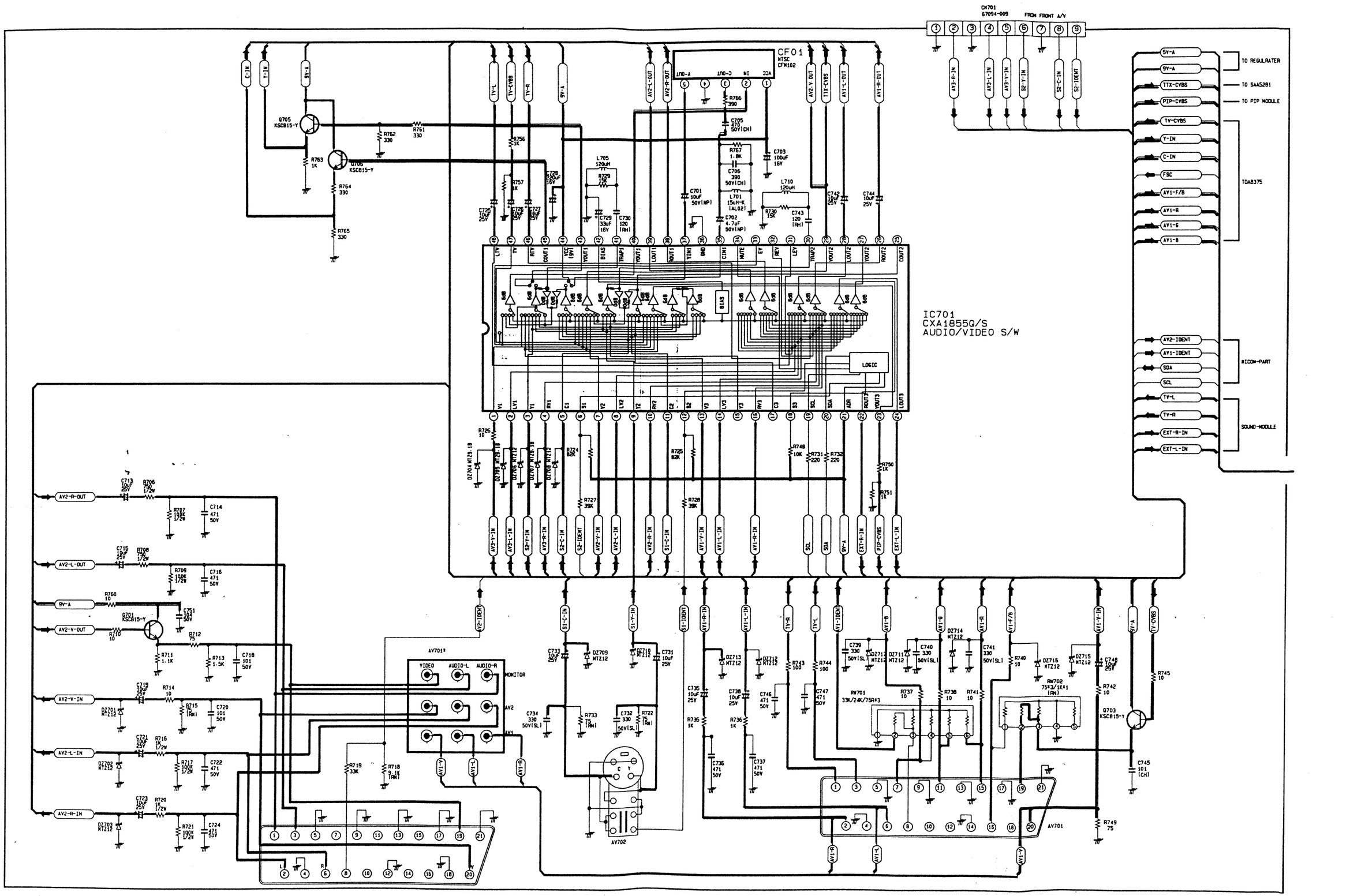


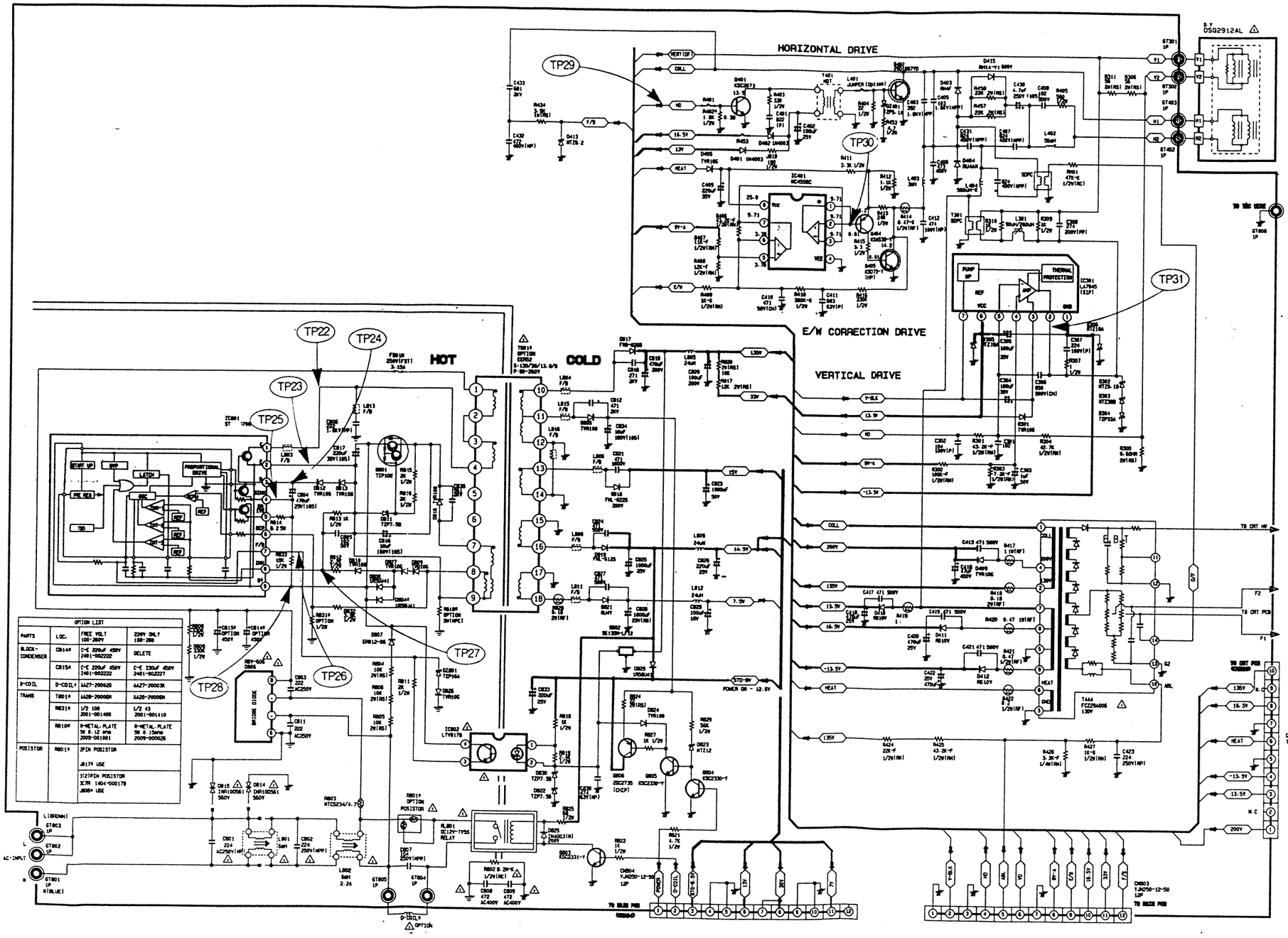
——— : Power Line ——— : Signal Line

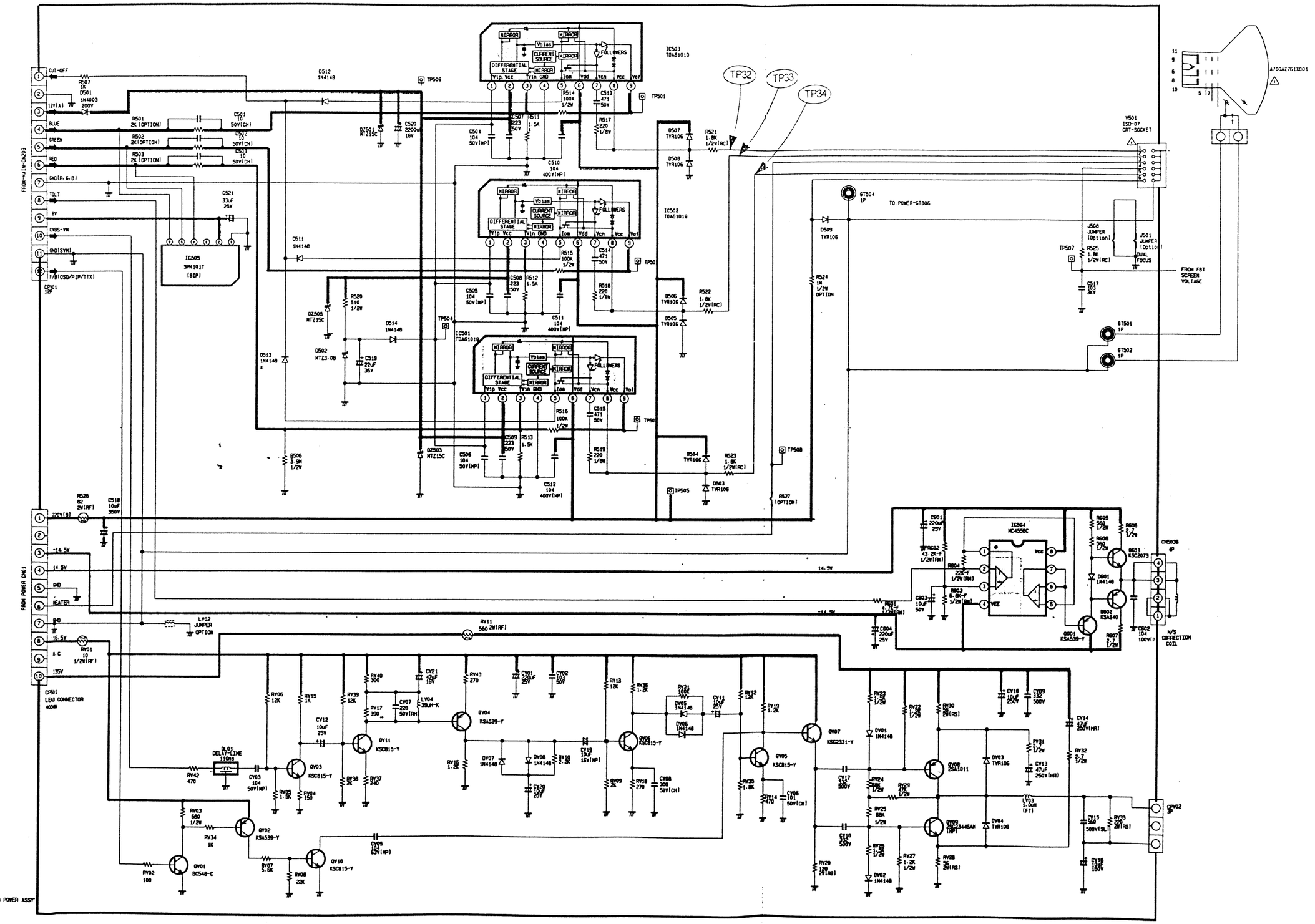

TU101 ⚠
TELE9X042A
[TECC2979PK28A(S)]
TUNER
SECAM_MODULE
MP01
PIP-MODULE
MS01
SOUND-MODULE
CNH01
5P
: Power Line
: Signal Line


TP20

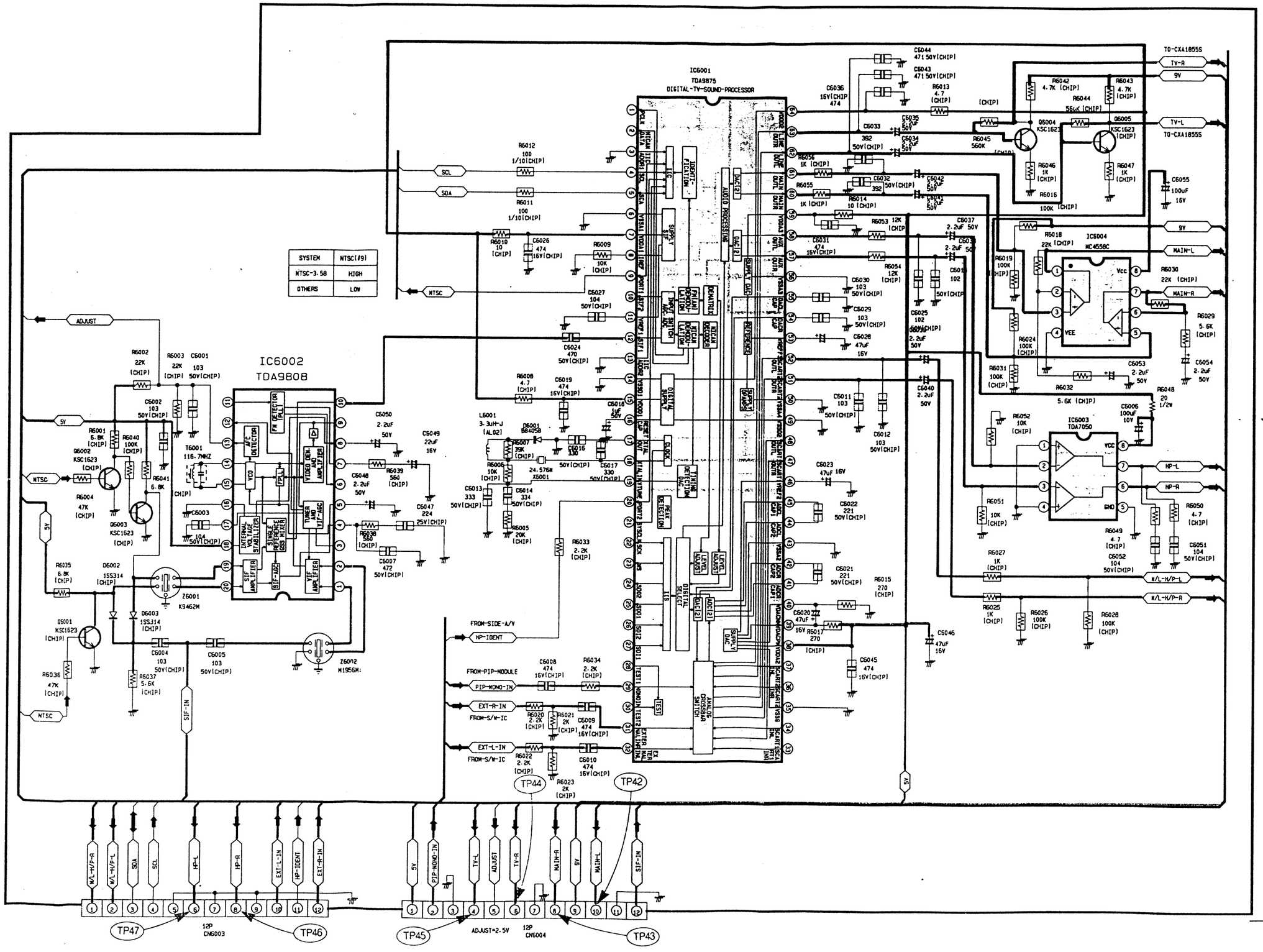

TP21


CN701
67094-009
FROM FRONT A/V
CF01
NTSC
CFM102
IC701
CXA1855Q/S
AUDIO/VIDEO S/W
TO REGULRATER
TO SAA5281
TO PIP MODULE
TDA8375
MICOM-PART
SOUND-MODULE
LOGIC
AV701
AV702
MONITOR
: Power Line
: Signal L

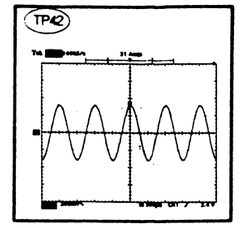

HORIZONTAL DRIVE
E/W CORRECTION DRIVE
VERTICAL DRIVE
TP22
TP23
TP24
TP25
TP26
TP27
TP28
TP29
TP30
TP31
HOT
COLD
OPTION LIST
PARTS
LOC.
FREE VOLT 100~250V
220V ONLY 180~265
BLOCK-CONDENSER
CB154
C-E 220uF 450V 2401-002222
DELETE
CB154
C-E 220uF 450V 2401-002222
C-E 330uF 450V 2401-002227
D-COIL
D-COIL1
AA27-200026
AA27-200036
TRANS
TB01
AA26-200068
AA26-200069
RB13
1/2 100 2001-001408
1/2 43 2001-001410
RB10
R-METAL PLATE 5W 0.12ohm 2009-001001
R-METAL PLATE 5W 0.15ohm 2009-000025
POSISTOR
RB01
2PIN POSISTOR
J8179 USE
3121PIN POSISTOR
JB08 USE
TO CRT HV
TO CRT PCB
TO MAIN PCB
TO DEF PCB
AC-INPUT
L(BROWN)
N(BLUE)
STD-5V
POWER ON - 12.5V
: Power Line

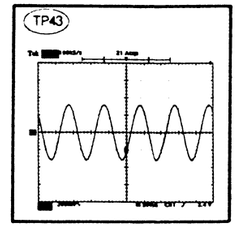

TP32
TP33
TP34
IC503 TDA6101Q
IC502 TDA6101Q
IC501 TDA6101Q
IC505 SPK101T (SIP)
A70QAZ761X001
Y501 ISO-07 CRT-SOCKET
TO POWER-GT806
FROM FBT SCREEN VOLTAGE
J508 JUMPER (Option)
J501 JUMPER (Option) DUAL FOCUS
IC504 NC4558C
CH503B
N/S CORRECTION COIL
DL01 DELAY-LINE 110ns
LY02 JUMPER OPTION
CP501 LEAD CONNECTOR 400MM
TO POWER ASSY
FROM MAIN-CN203
FROM POWER CN01
: Power Line
: Signal Line

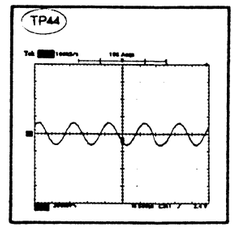
12-7 AUDIO

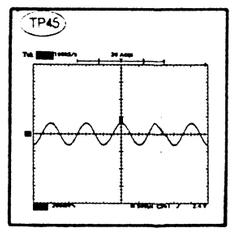


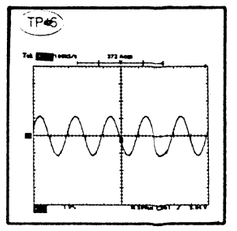
SYSTEM	NTSC(#9)
NTSC-3.58	HIGH
OTHERS	LOW

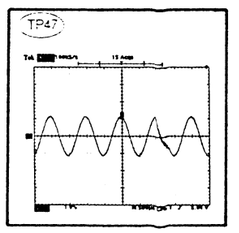






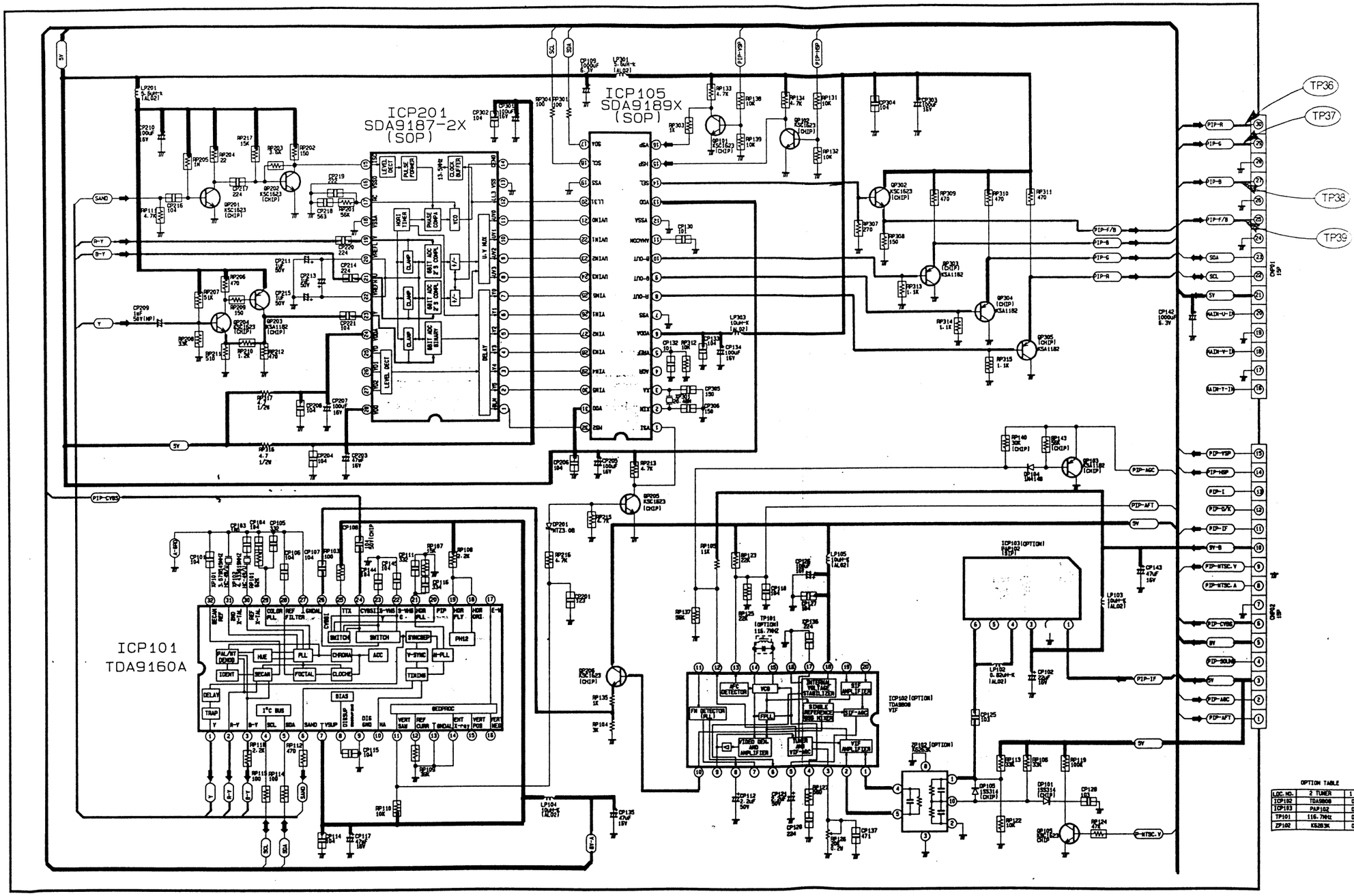




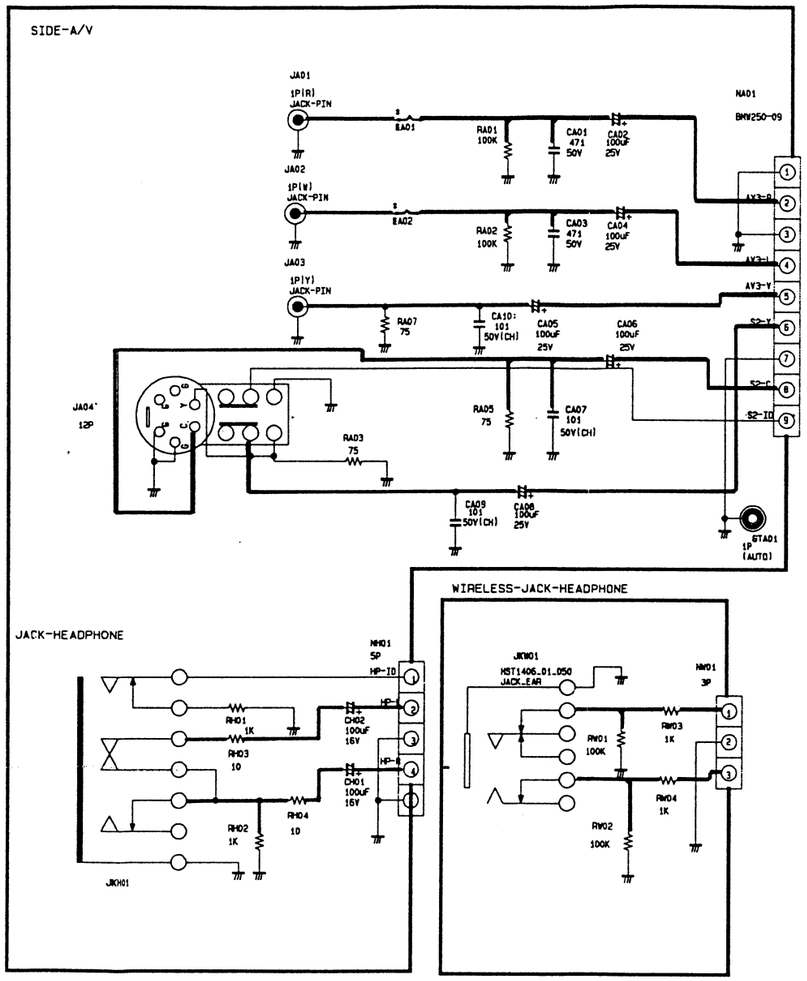


——— : Power Line ——— : Signal Line

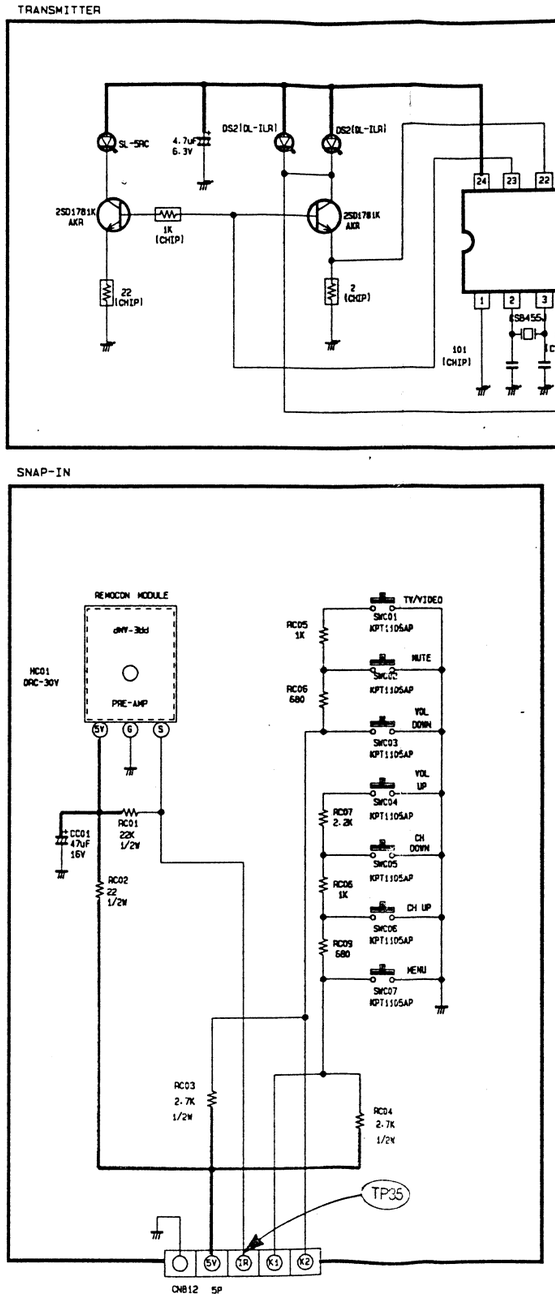
12-8 PWB-PIP

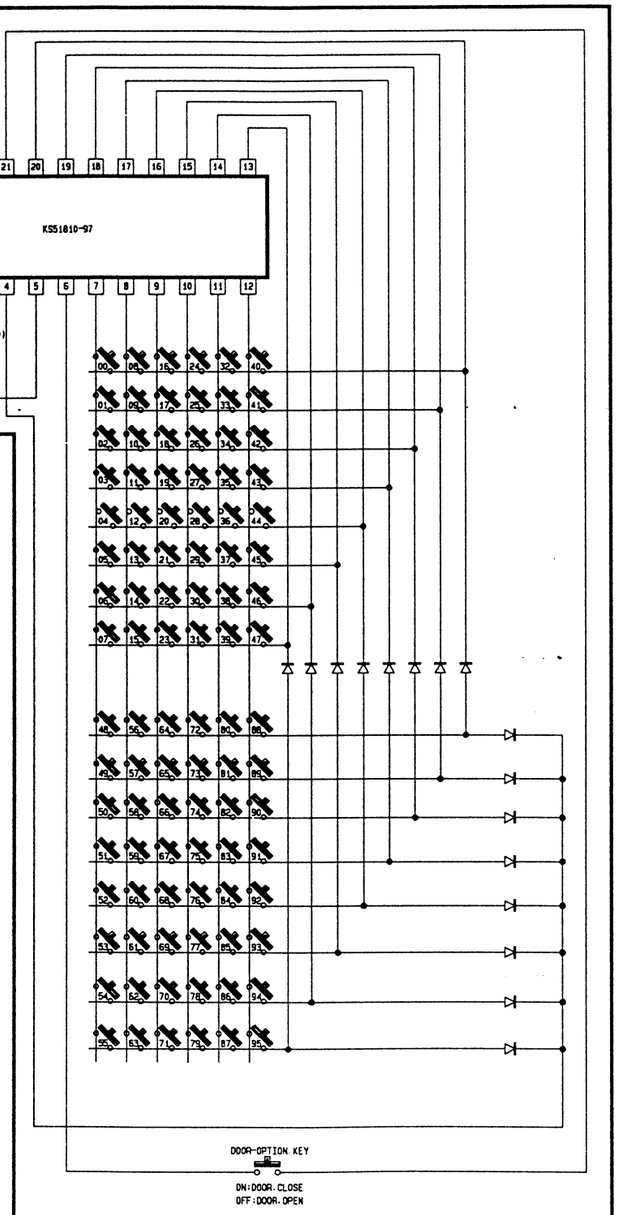

ICP201
SDA9187-2X
(SOP)
ICP105
SDA9189X
(SOP)
ICP101
TDA9160A
ICP103(OPTION)
TDA9808
VIF
TP36
TP37
TP38
TP39
OPTION TABLE
LOC.NO. | 2 TUNER | 1 TUNER
ICP102 | TDA9808 | DELETE
ICP103 | PAP102 | DELETE
TP101 | 116.7MHz | DELETE
ZP102 | KS2B3K | DELETE
: Power Line
: Signal Line

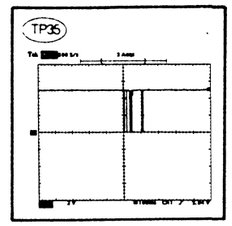
12-9 SIDE-A/V, JACK-HEADPHONE, SNAP-IN, POWER-S/W, TRANSMITTER



	SWP01	RP01	RP02	RP03	JP03	PD01	PD02
PAL	DELETE	270	270	DELETE	JUMPER	LED	DELETE
NT	TACT-S/W	DELETE	DELETE	1K	DELETE	DELETE	LED







——— : Power Line ——— : Signal Line